

1/40

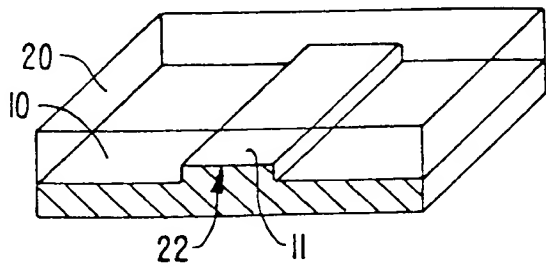
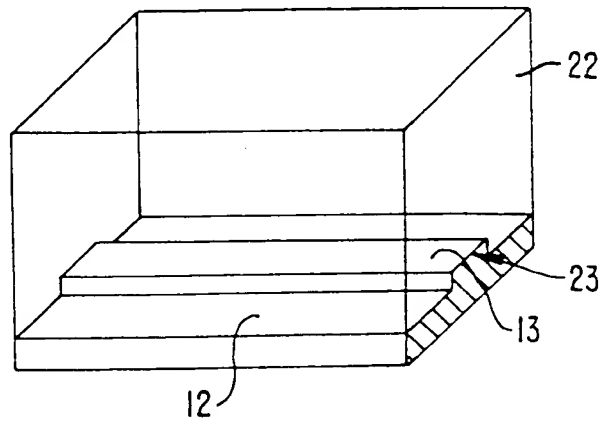
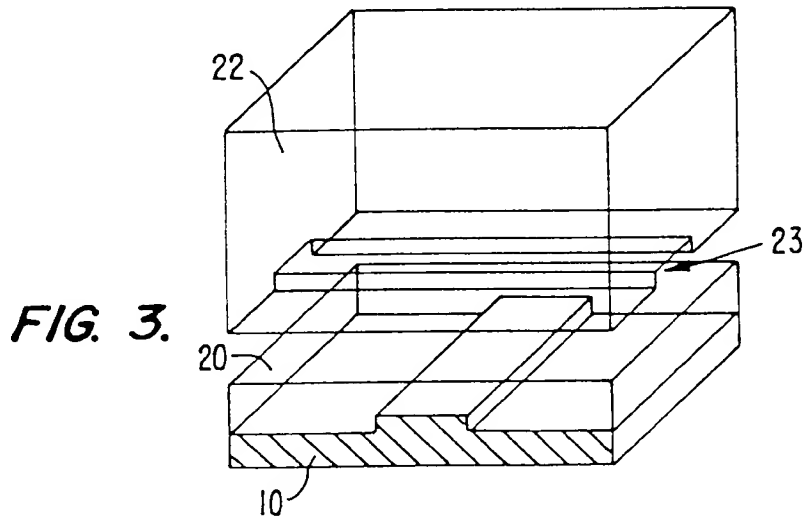
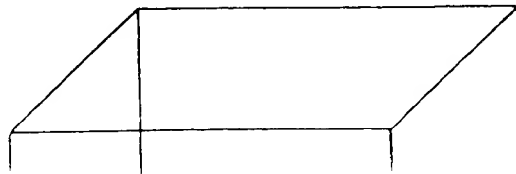
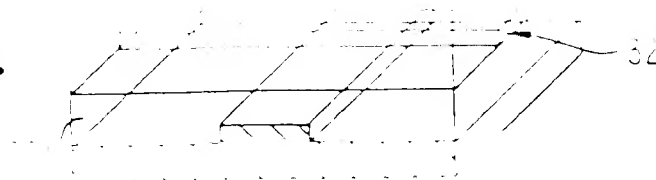
**FIG. 1.****FIG. 2.****FIG. 3.****FIG. 4.**

FIG. 5.

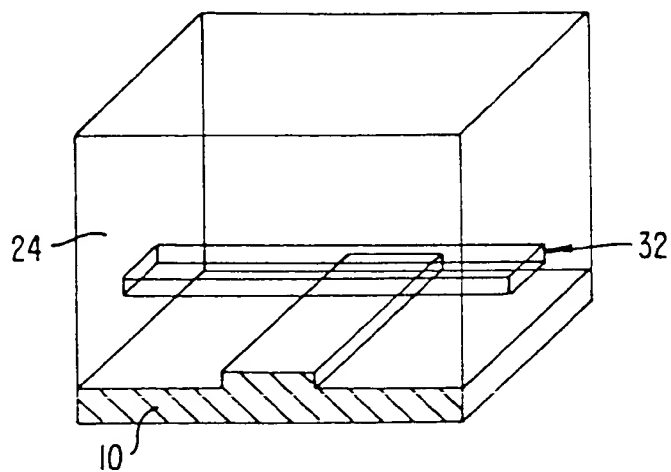


FIG. 6.

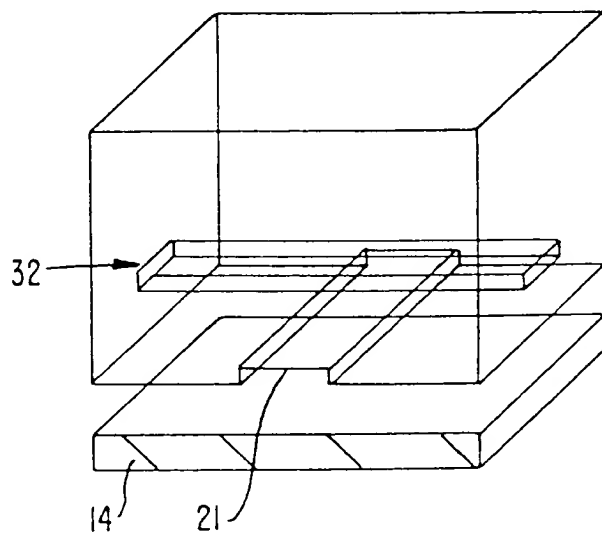
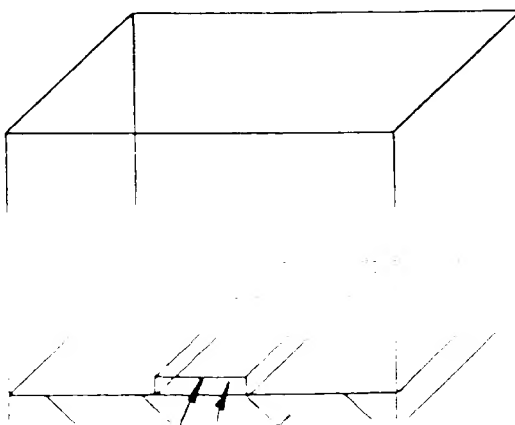


FIG. 7A.



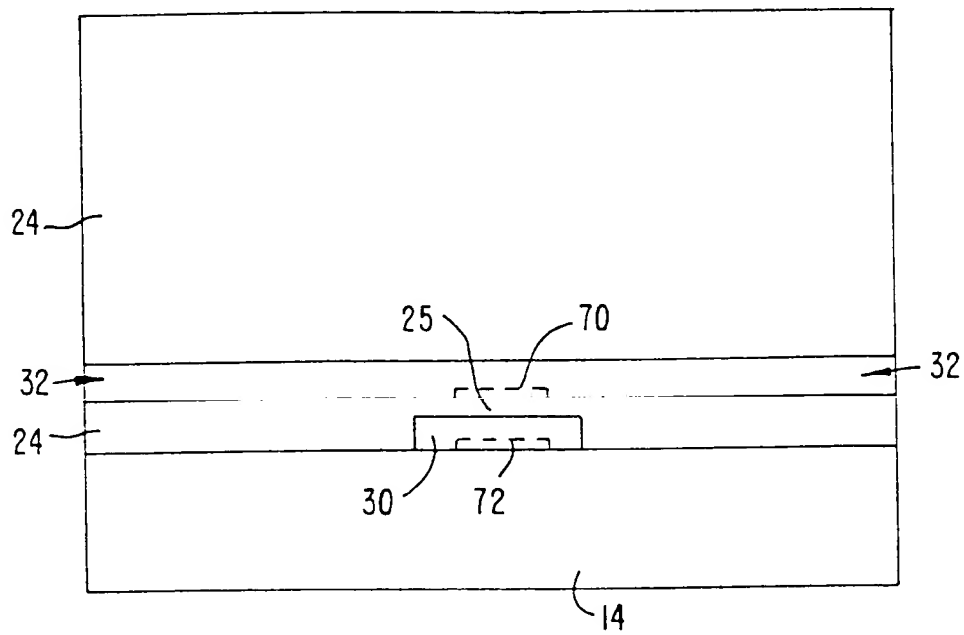


FIG. 7B.

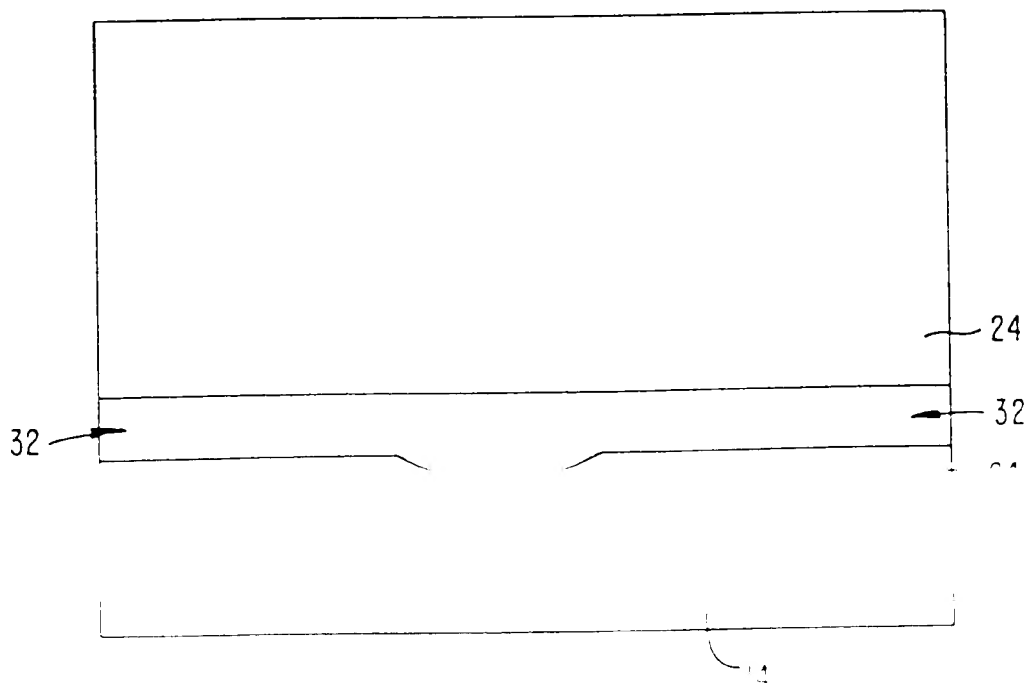


FIG. 7H.

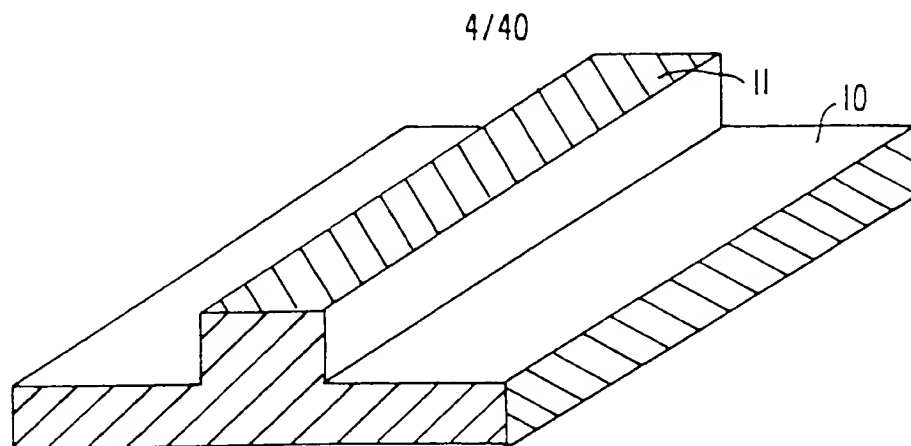


FIG. 7C.

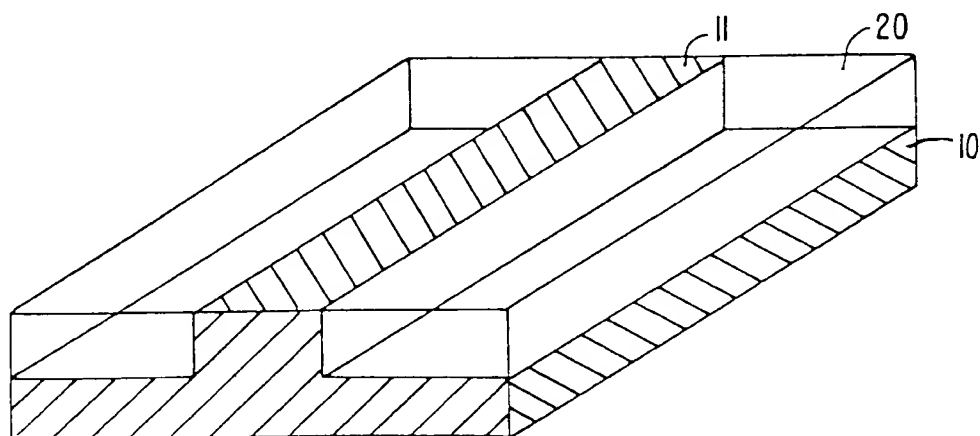
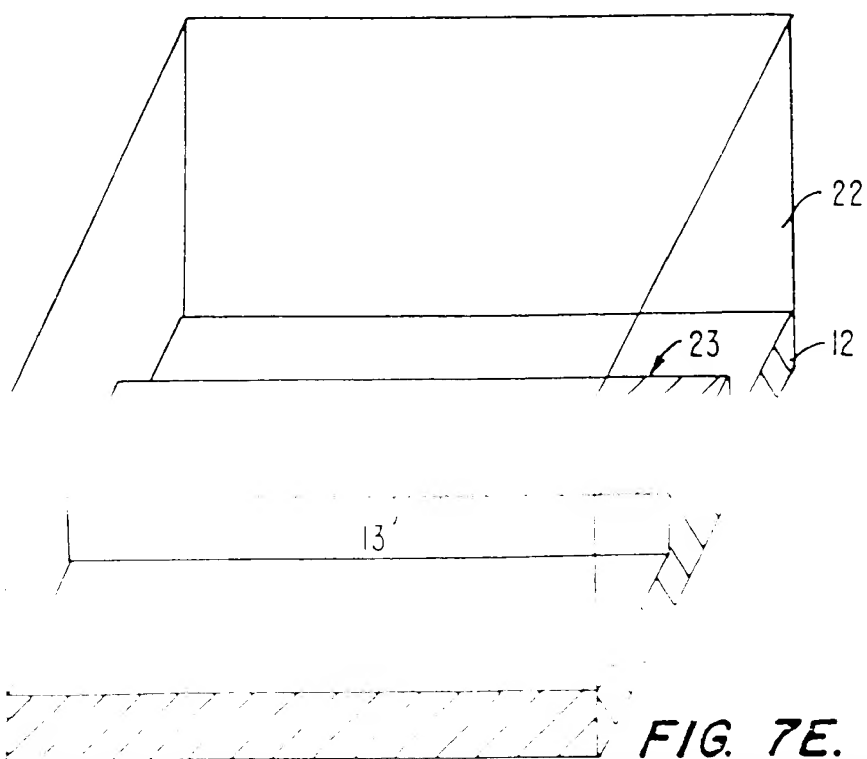


FIG. 7D.



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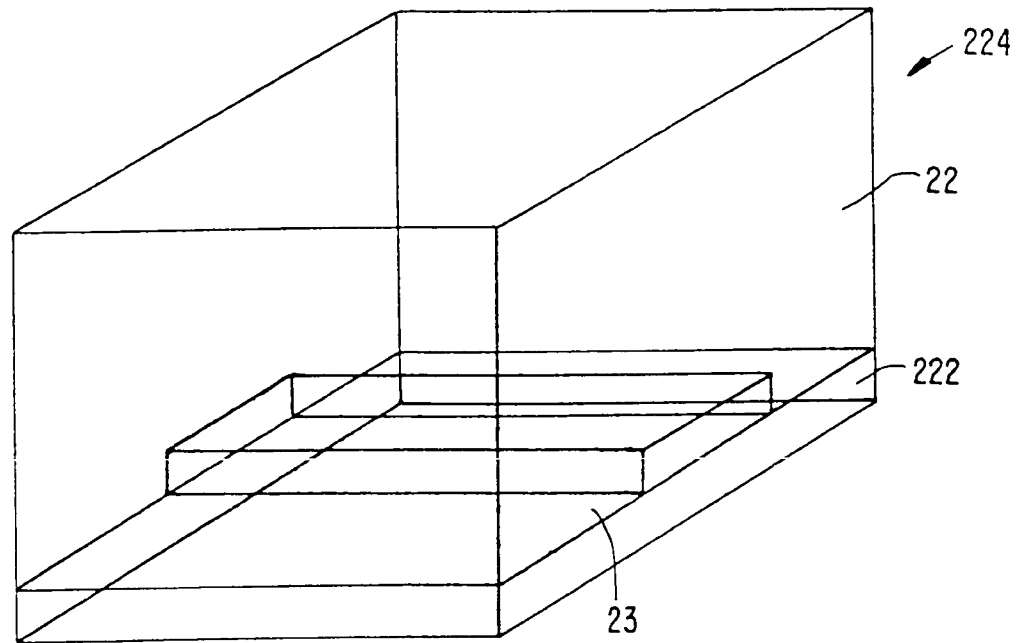
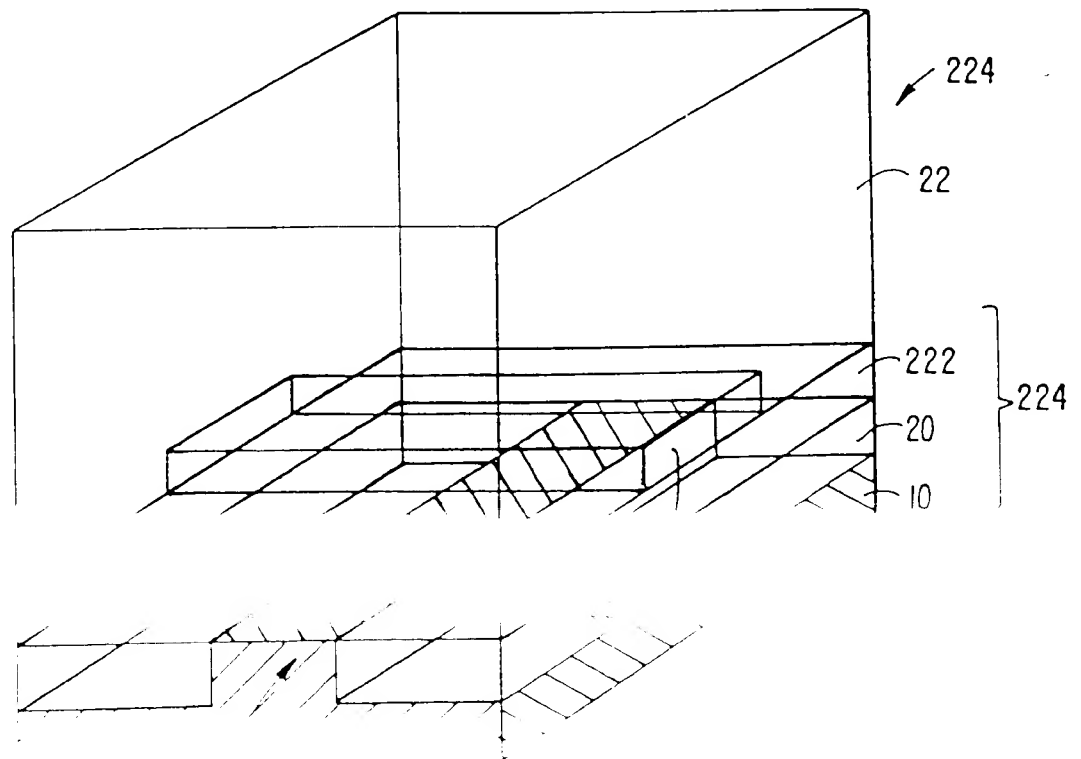


FIG. 7F.



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FIG. 7G.

FIG. 8.

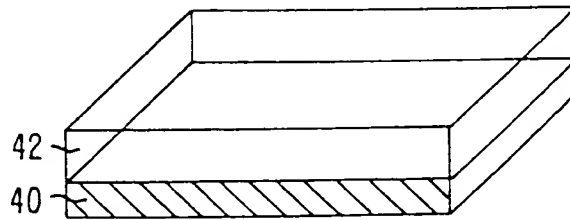


FIG. 9.

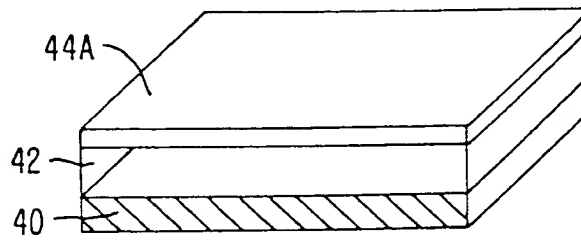


FIG. 10.

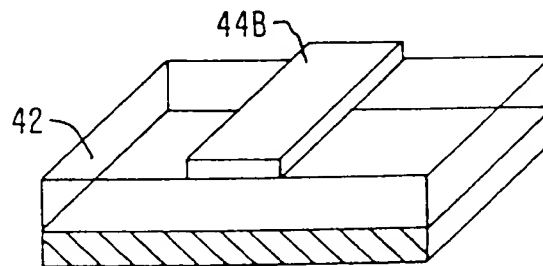


FIG. 11

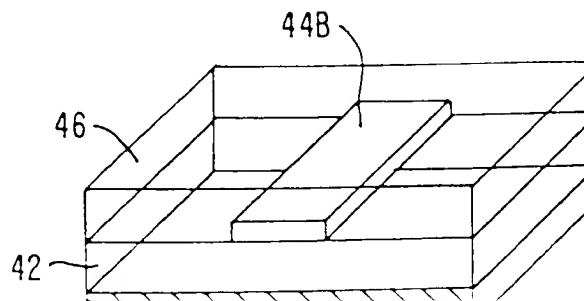


FIG. 12.

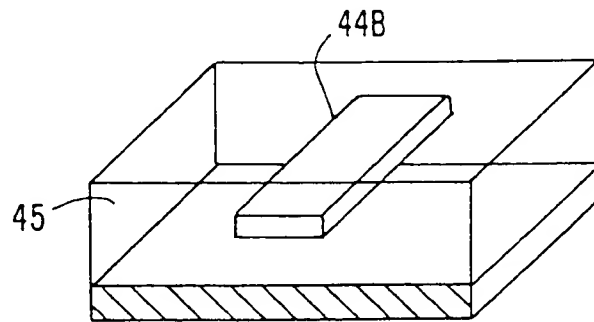


FIG. 13.

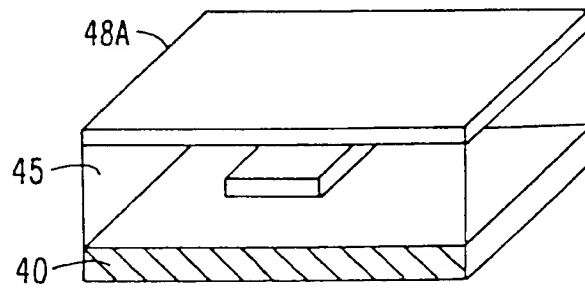


FIG. 14.

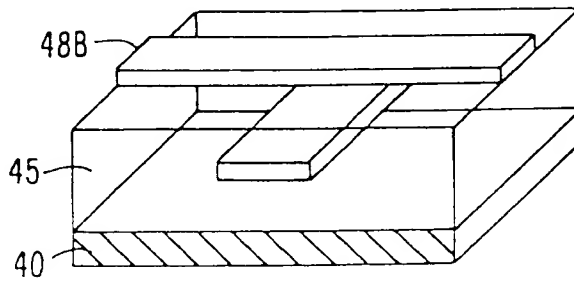


FIG. 15.

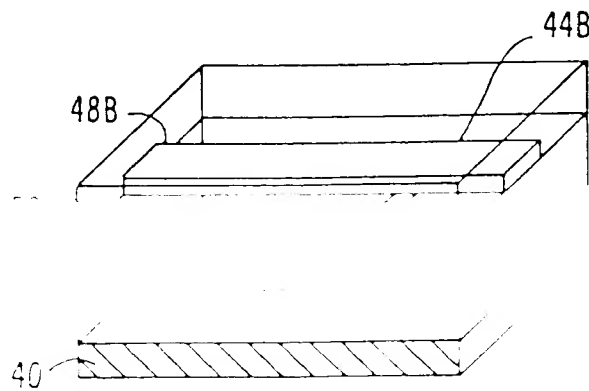


FIG. 16.

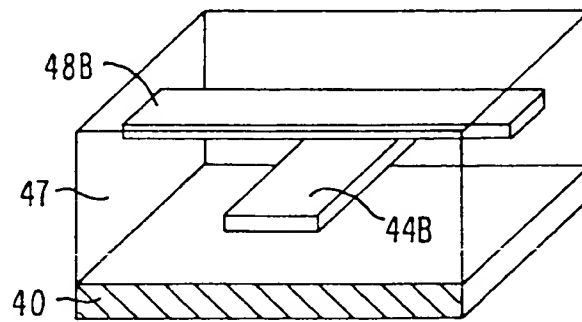


FIG. 17.

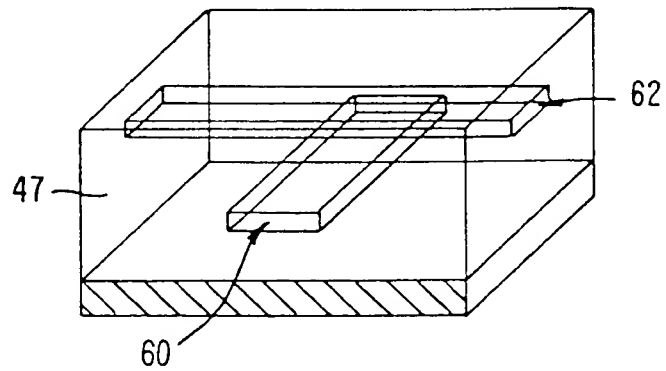
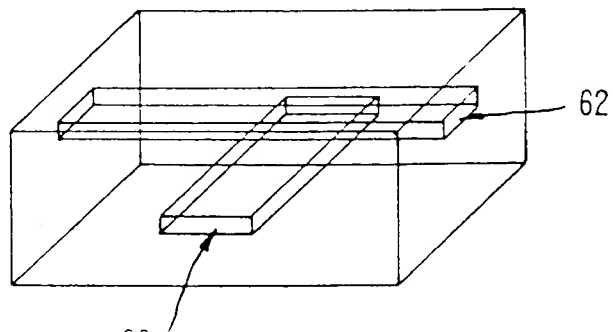


FIG. 18.



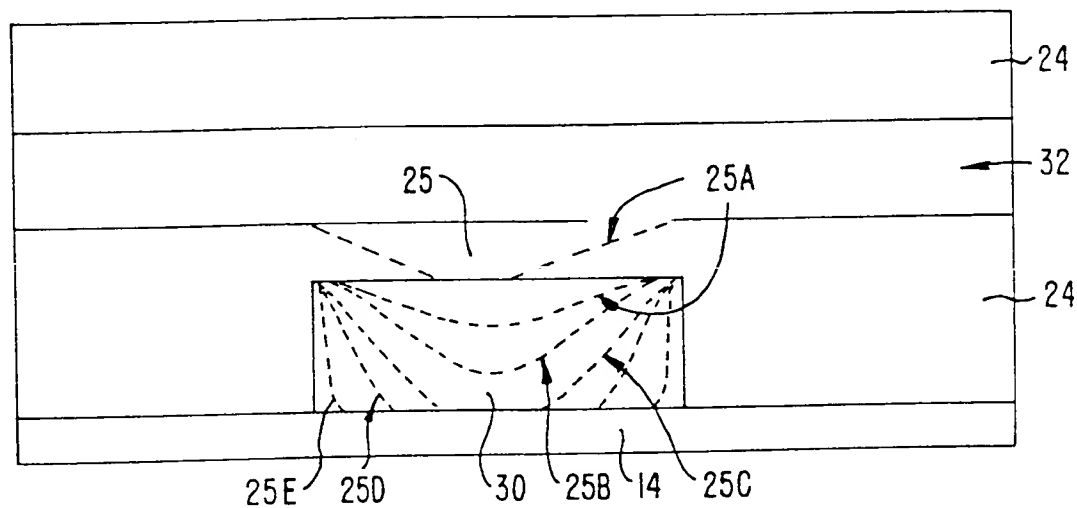


FIG. 19.

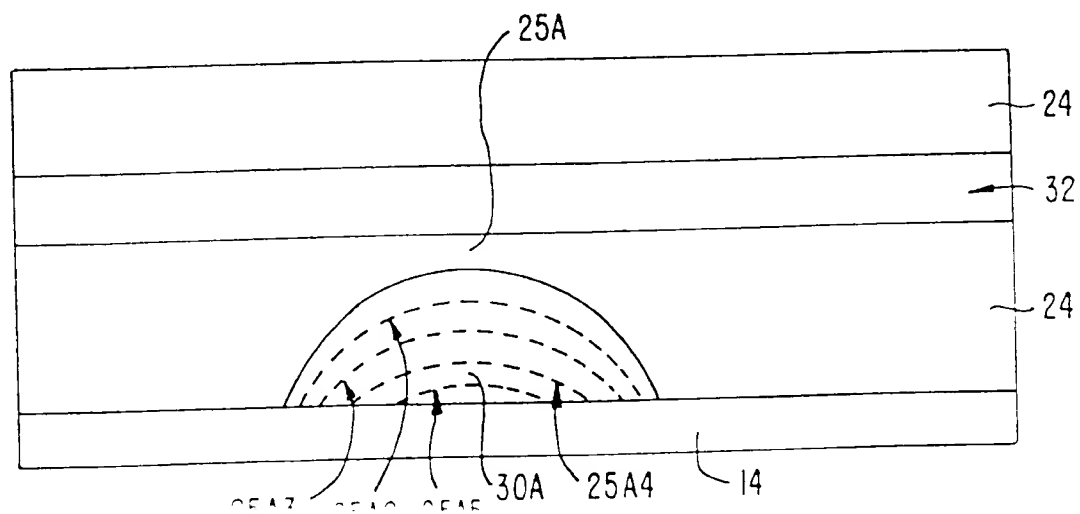
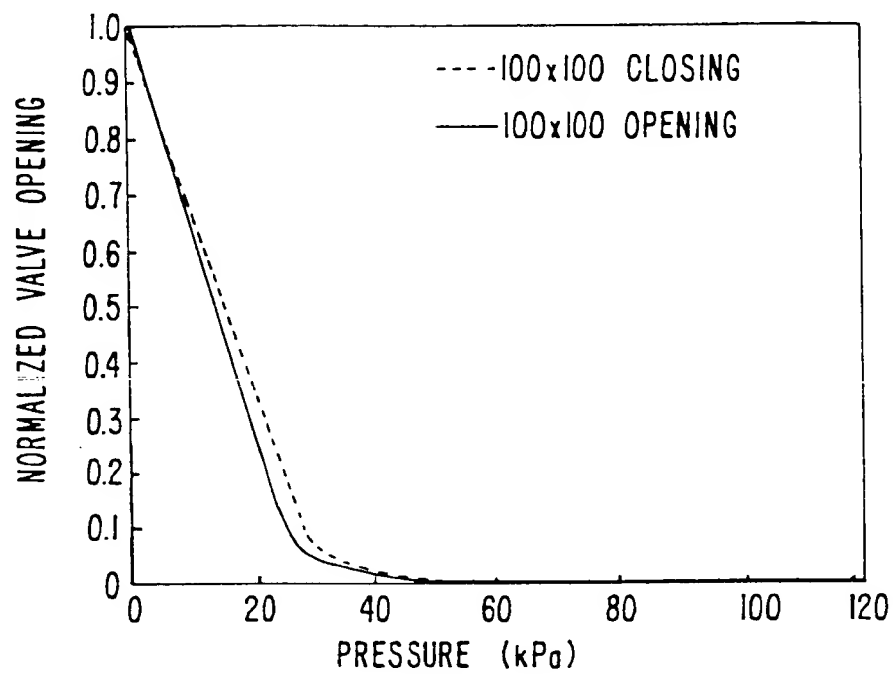
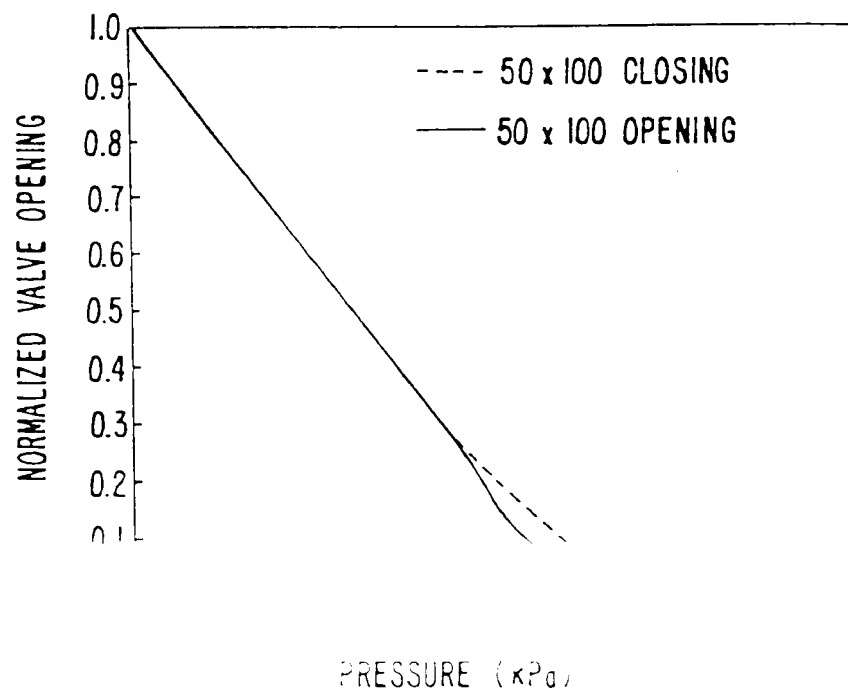


FIG. 20.

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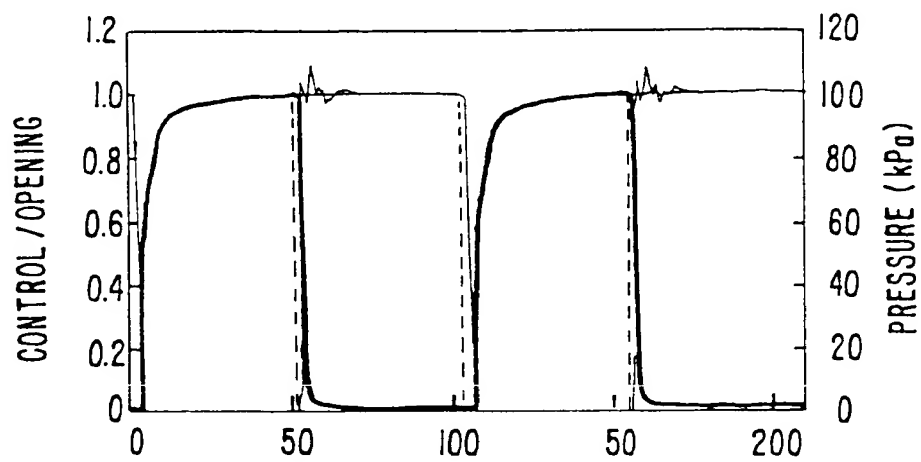
(a)



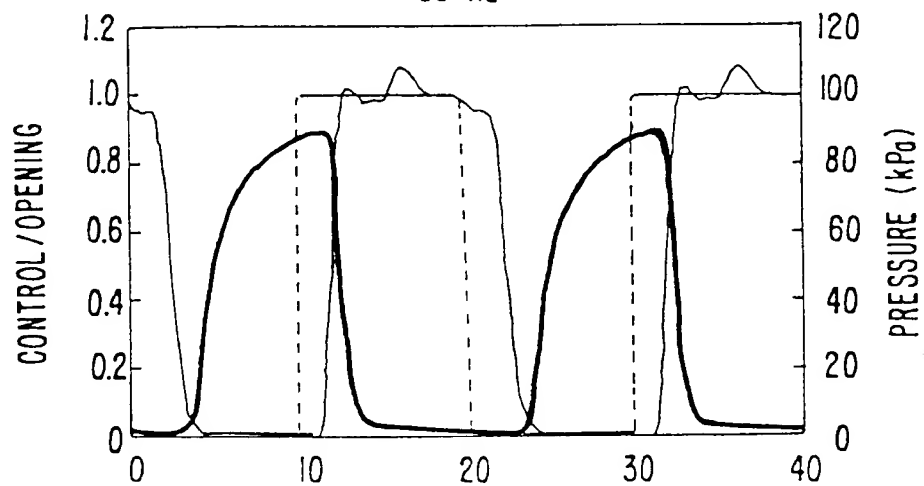
(b)

FIG. 21.

11/40 10 Hz
 --- CONTROL — VALVE OPENING — PRESSURE



50 Hz



100 Hz

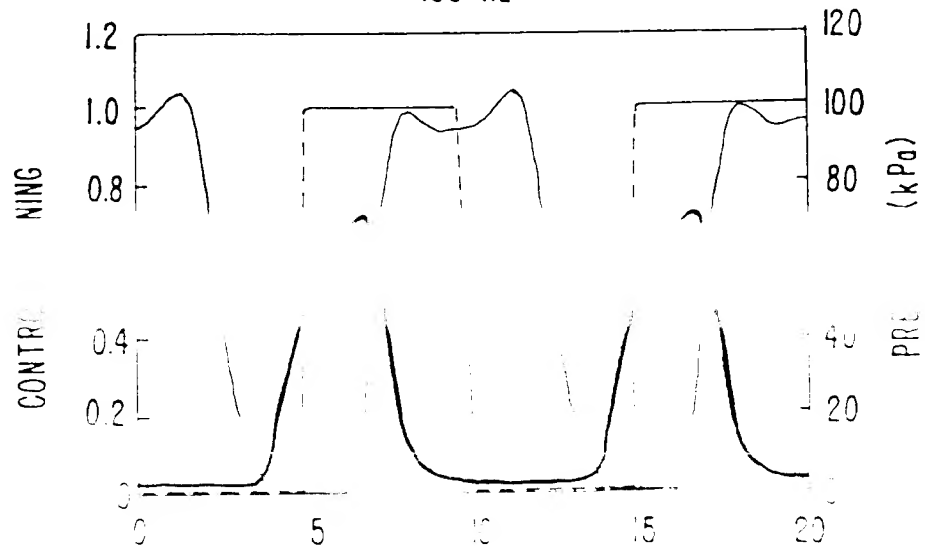


FIG. 22.

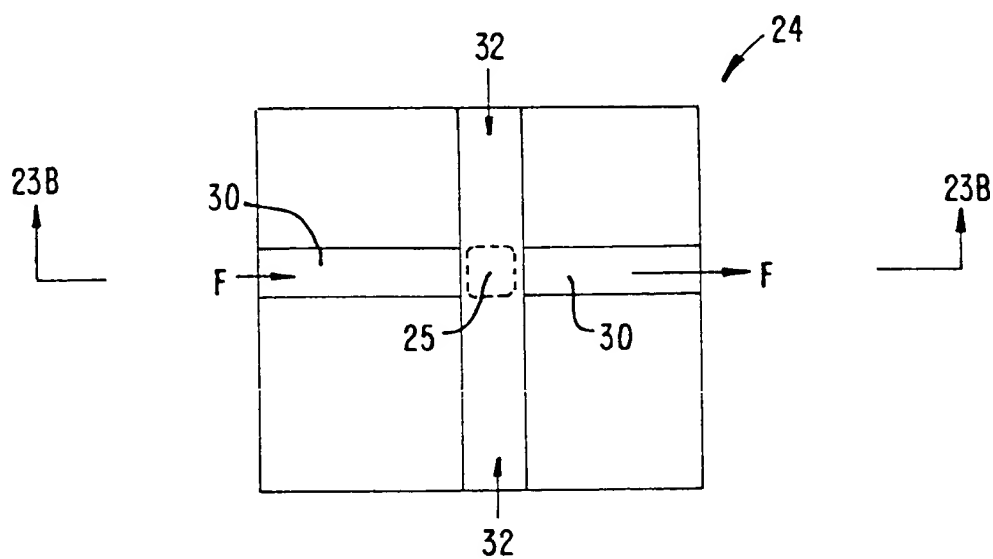


FIG. 23A.

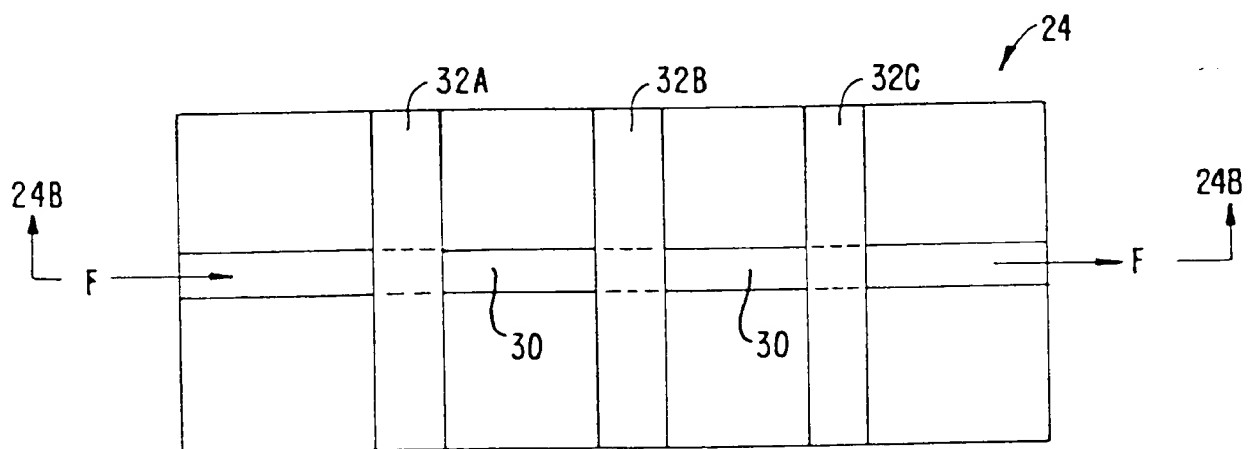


FIG. 24A.

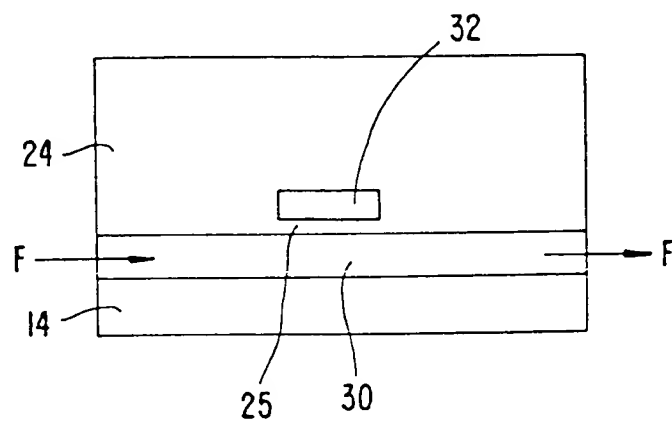


FIG. 23B.

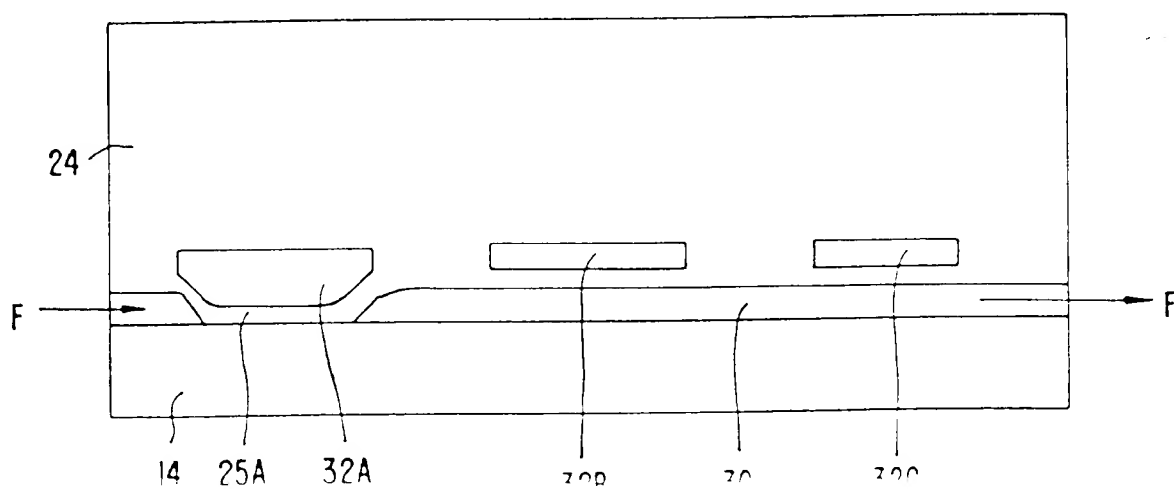
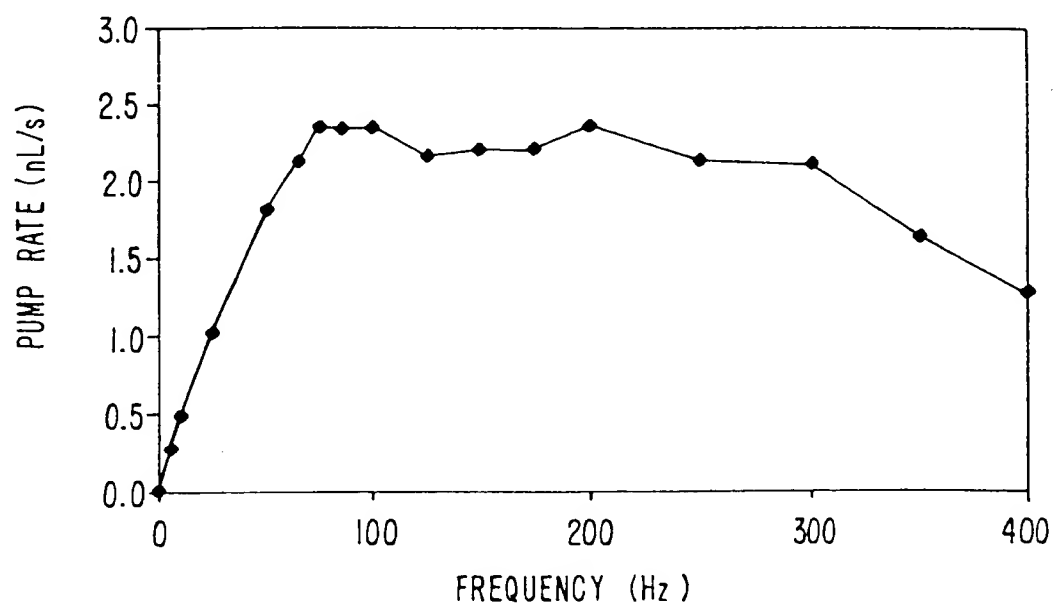


FIG. 24B.

*FIG. 25.*

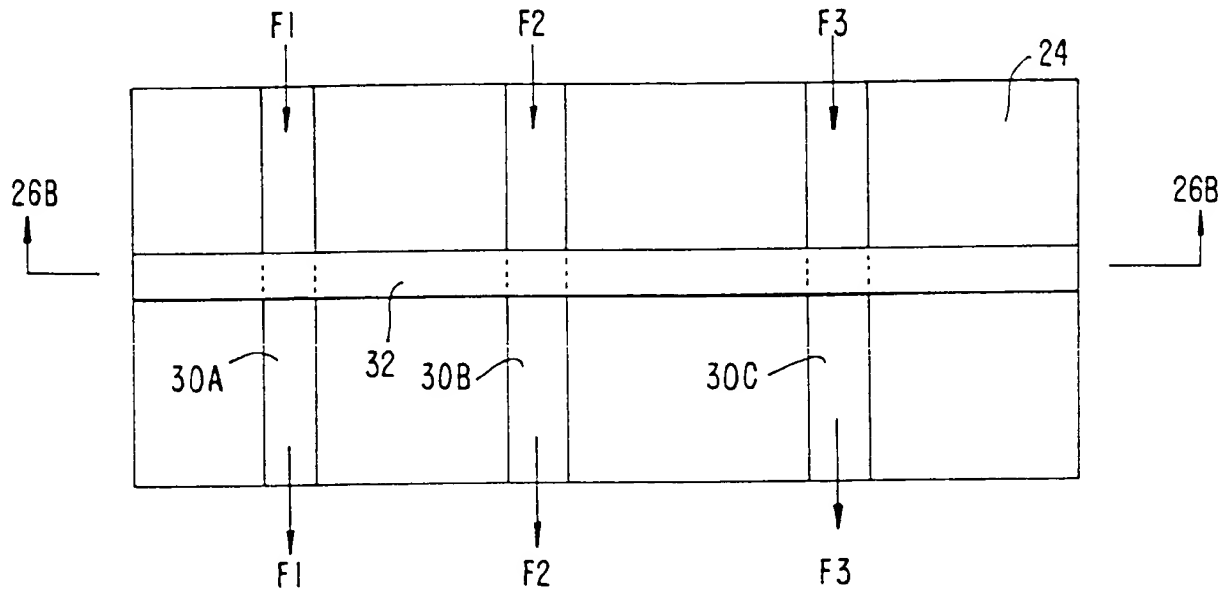


FIG. 26A.

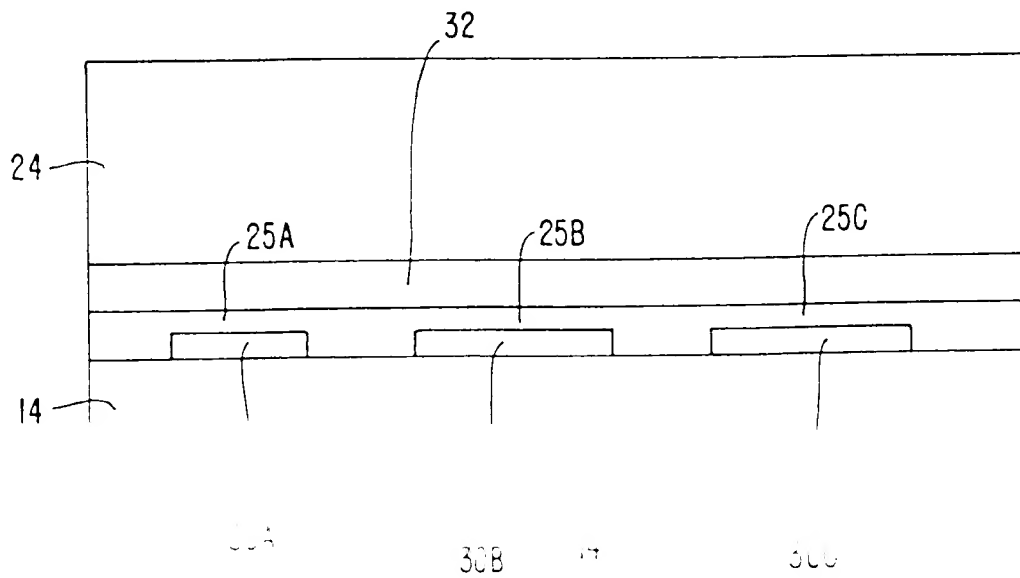


FIG. 26B.

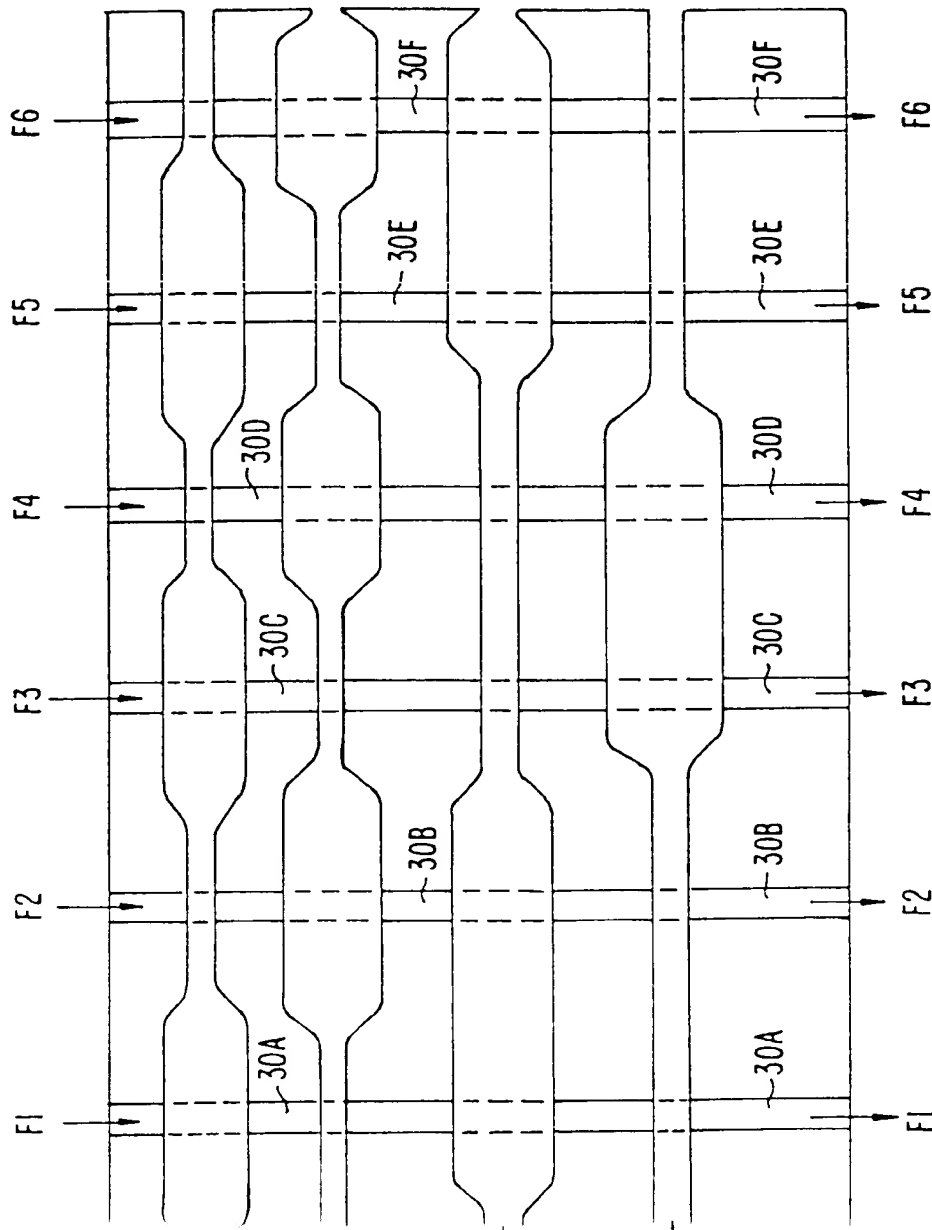


FIG. 27.

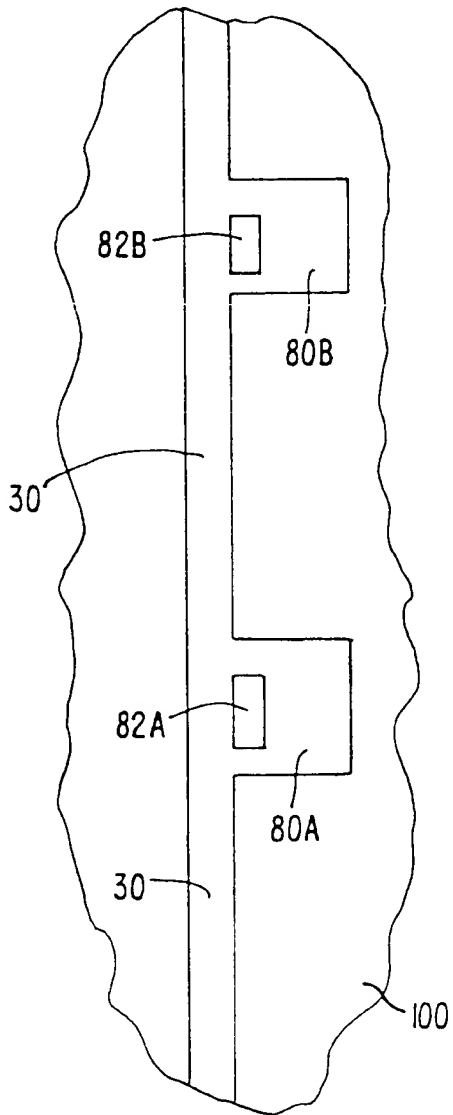


FIG. 28A.

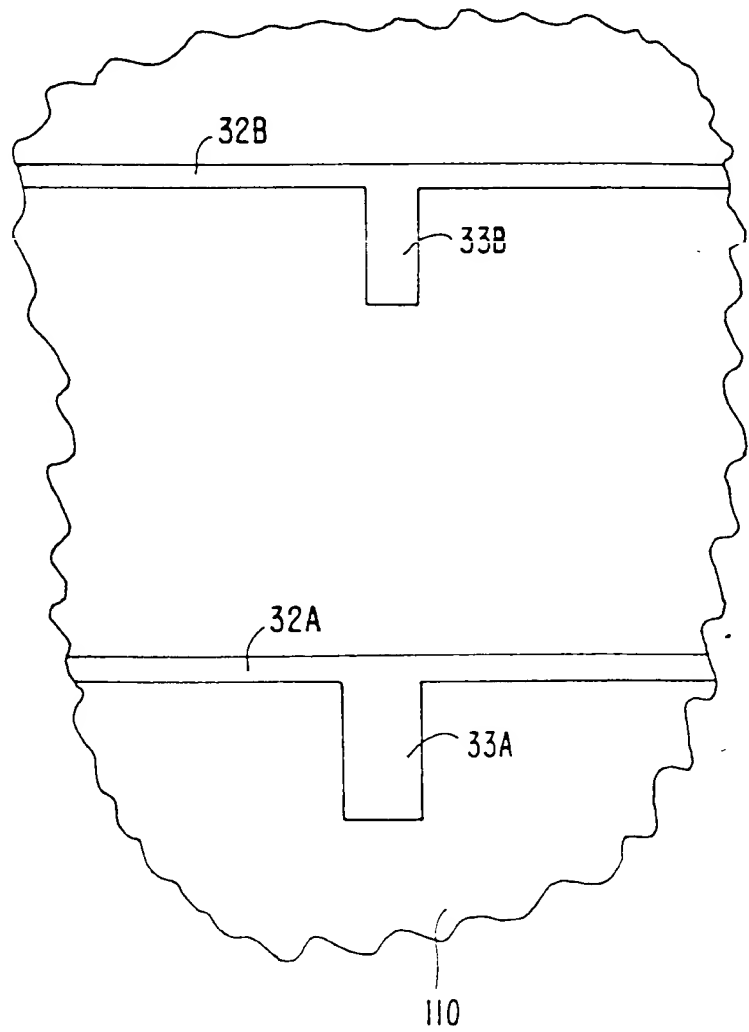


FIG. 28B.

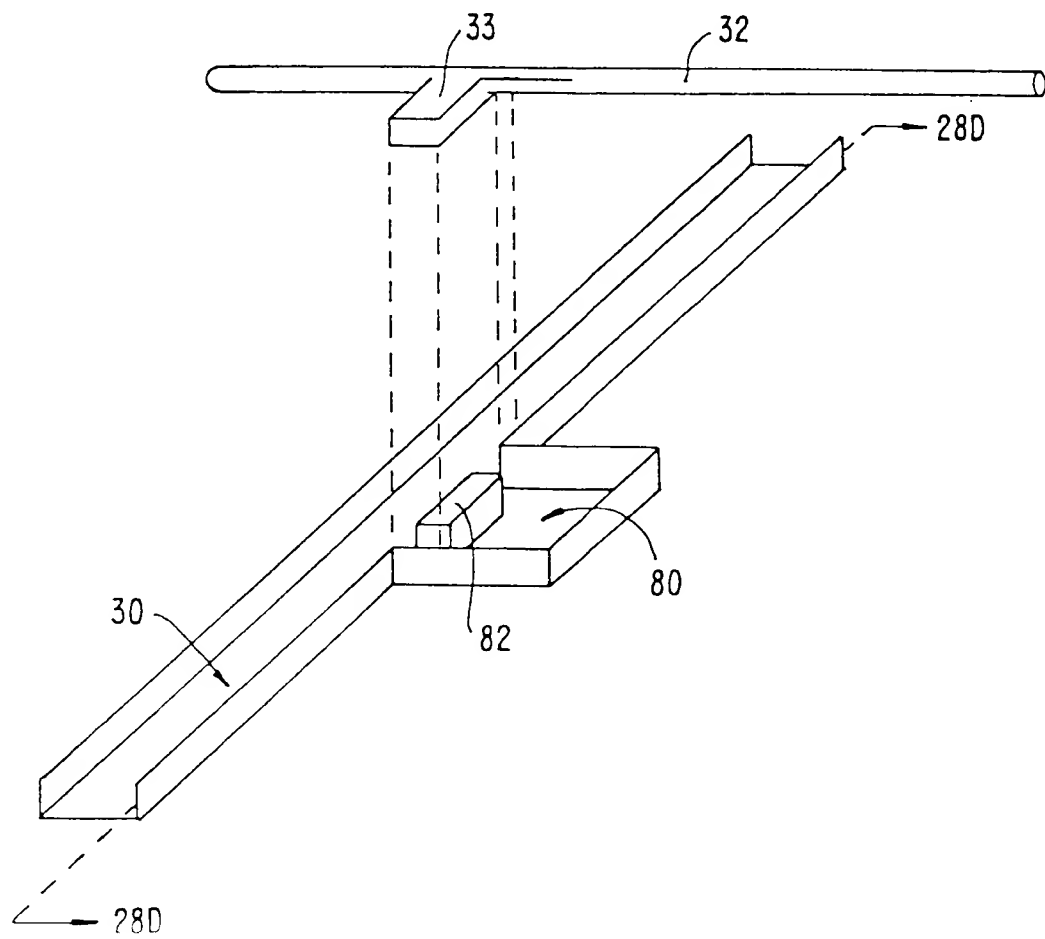


FIG. 28C.

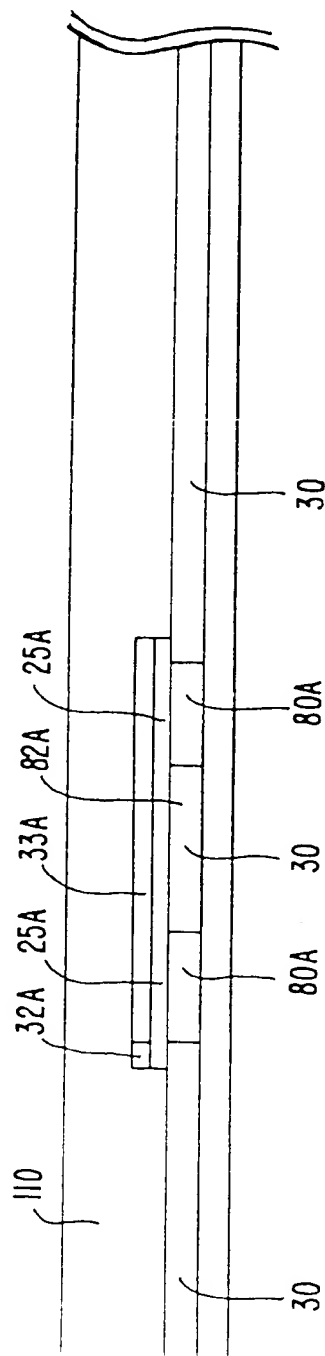


FIG. 28D.

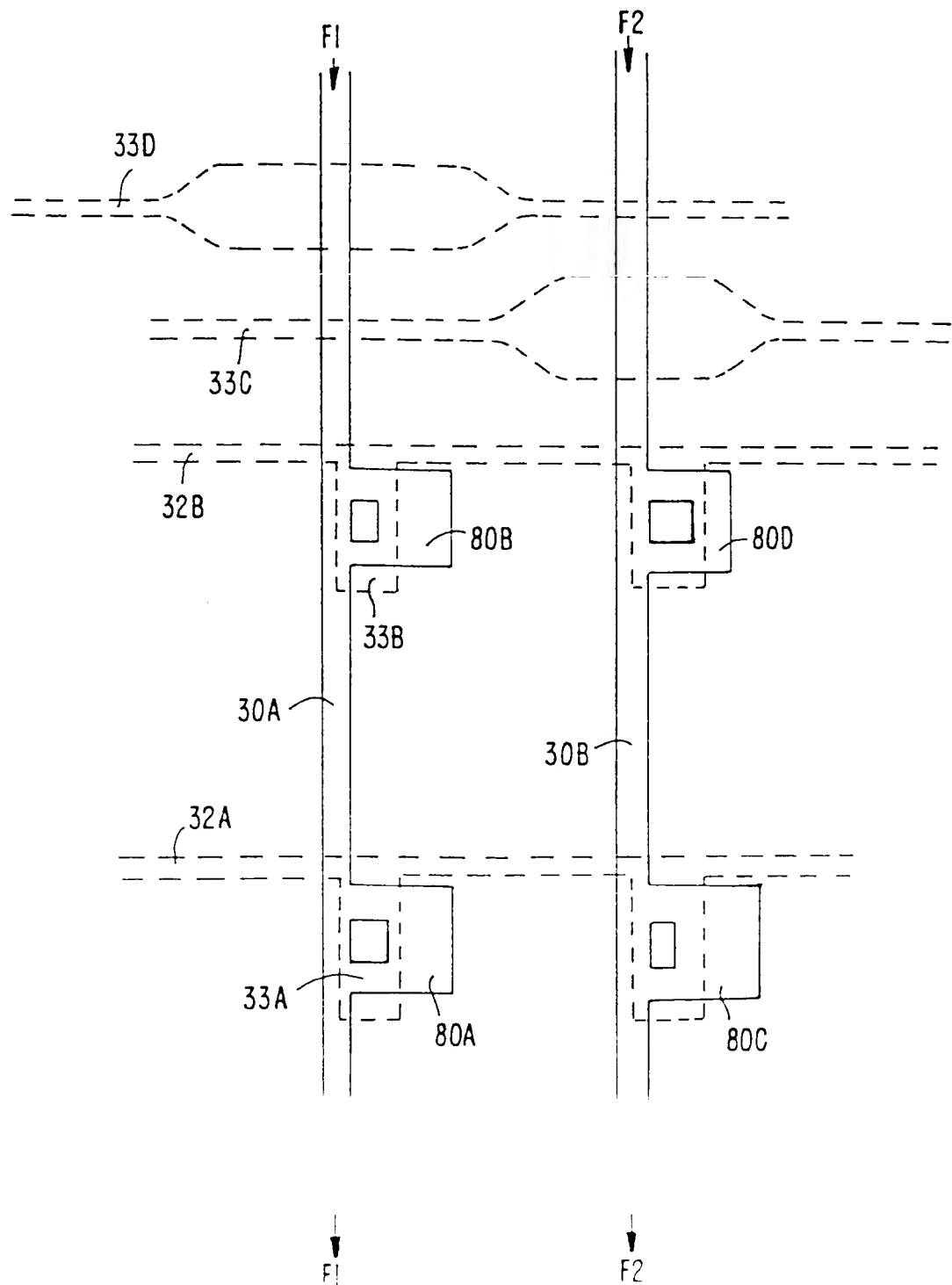


FIG. 29.

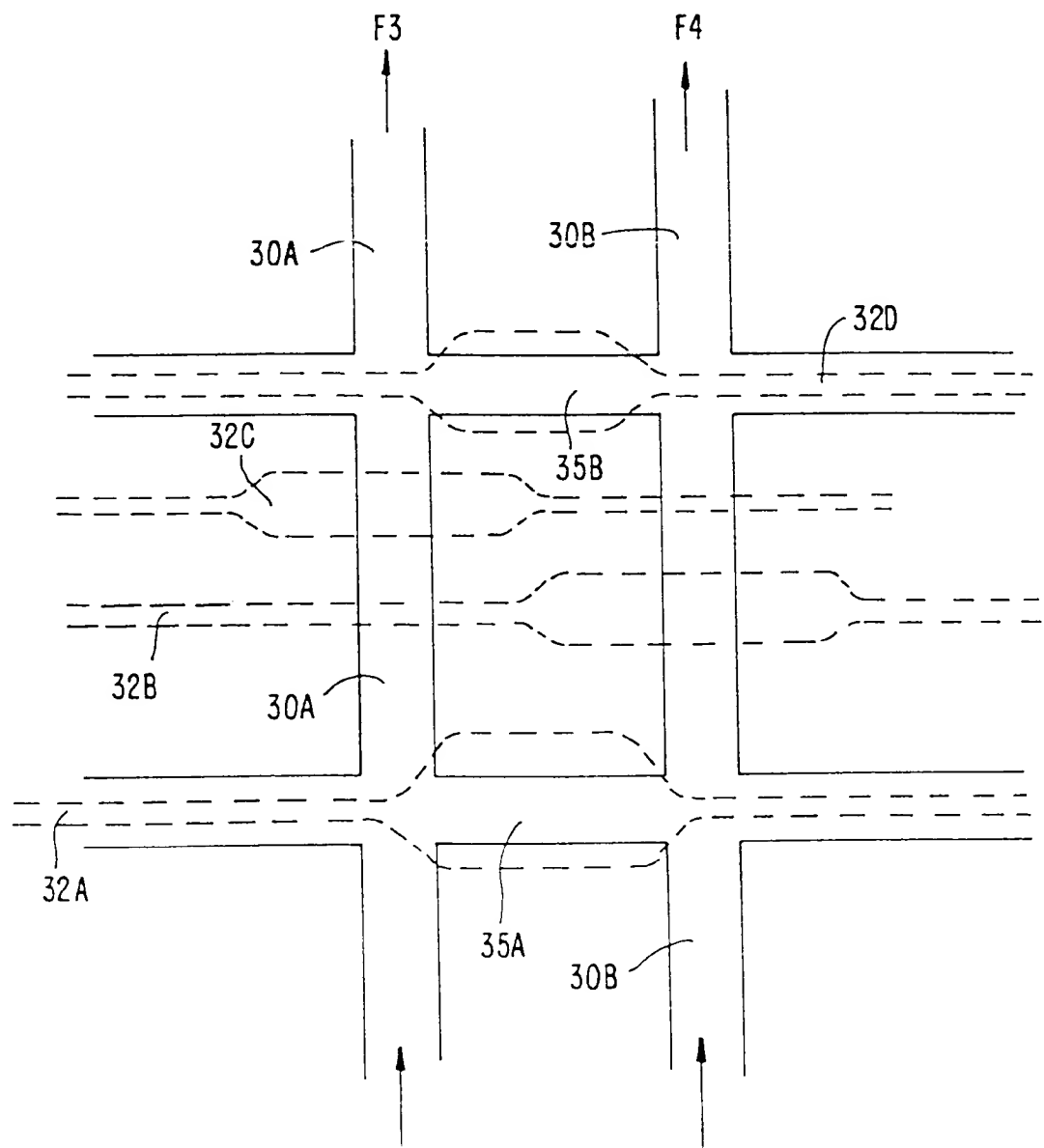


FIG. 30.

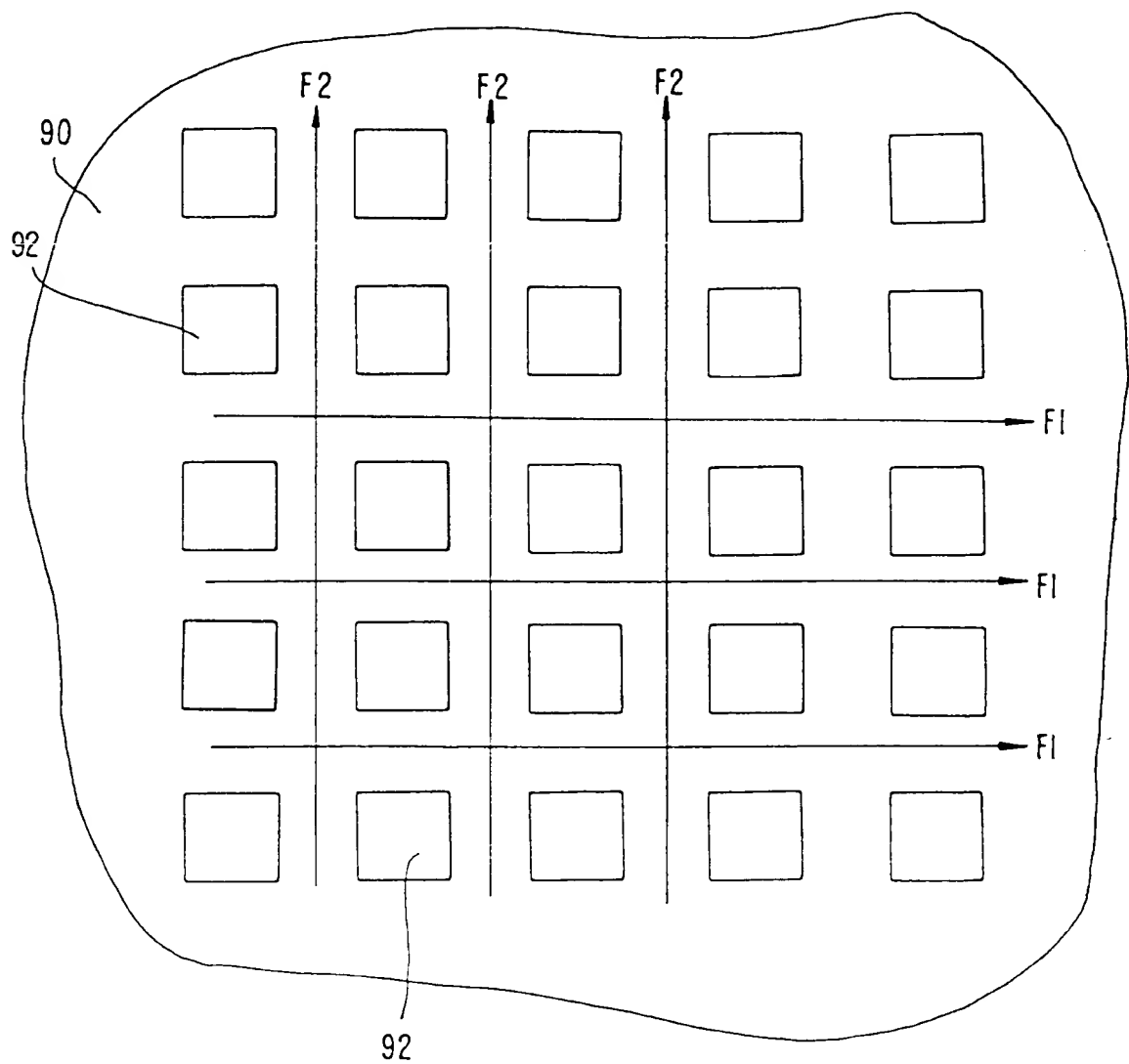


FIG. 31A.

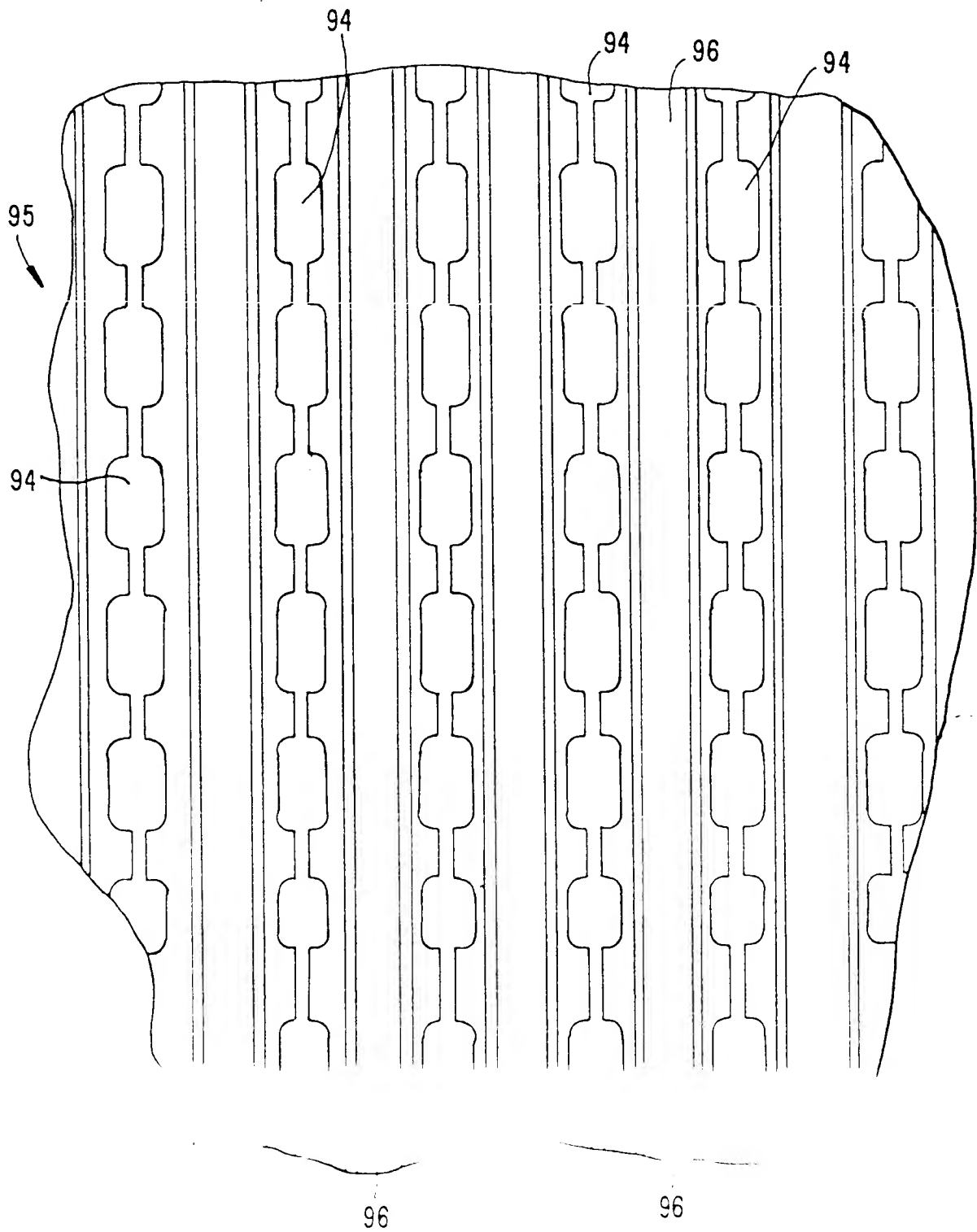


FIG. 31B.

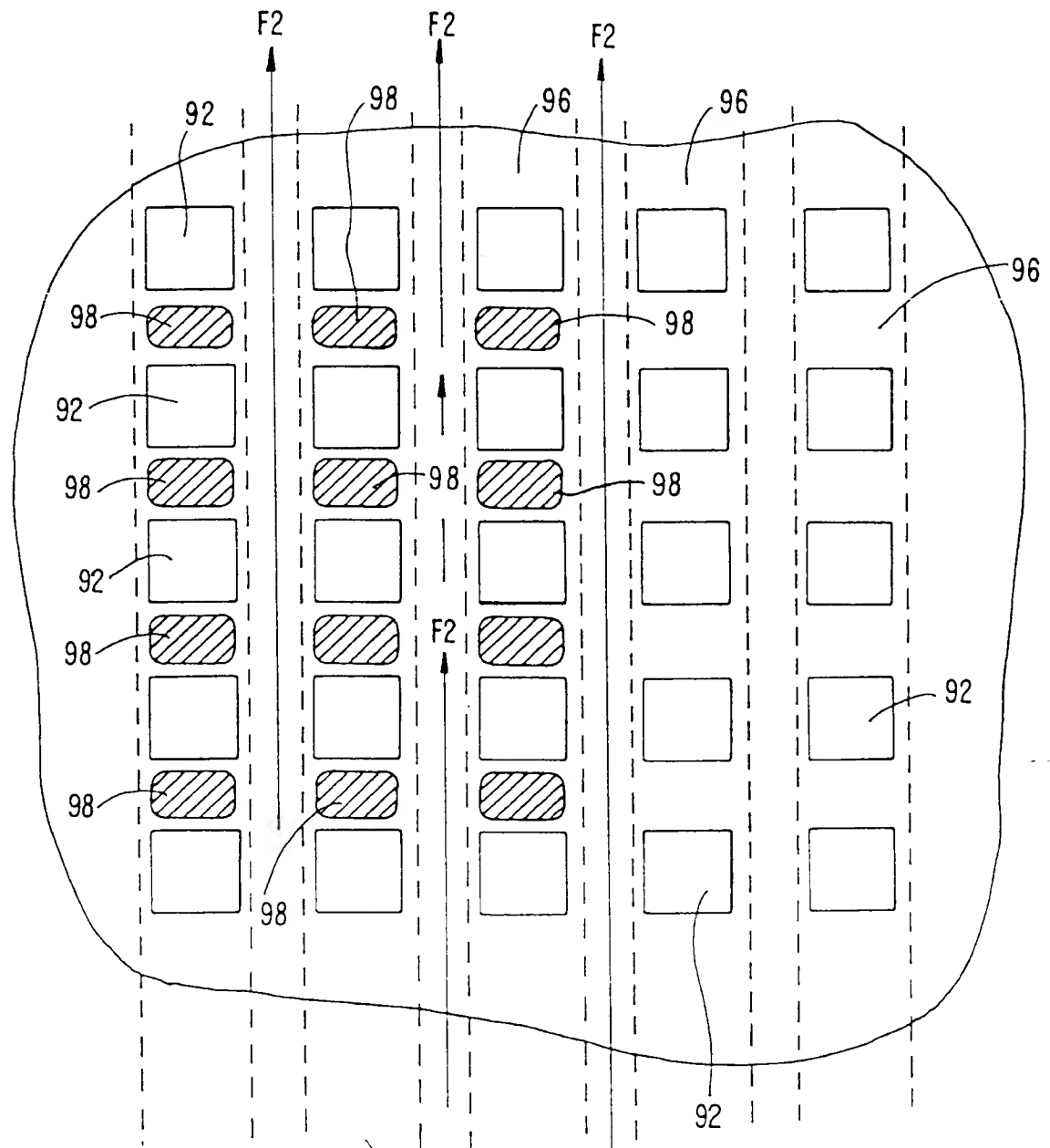
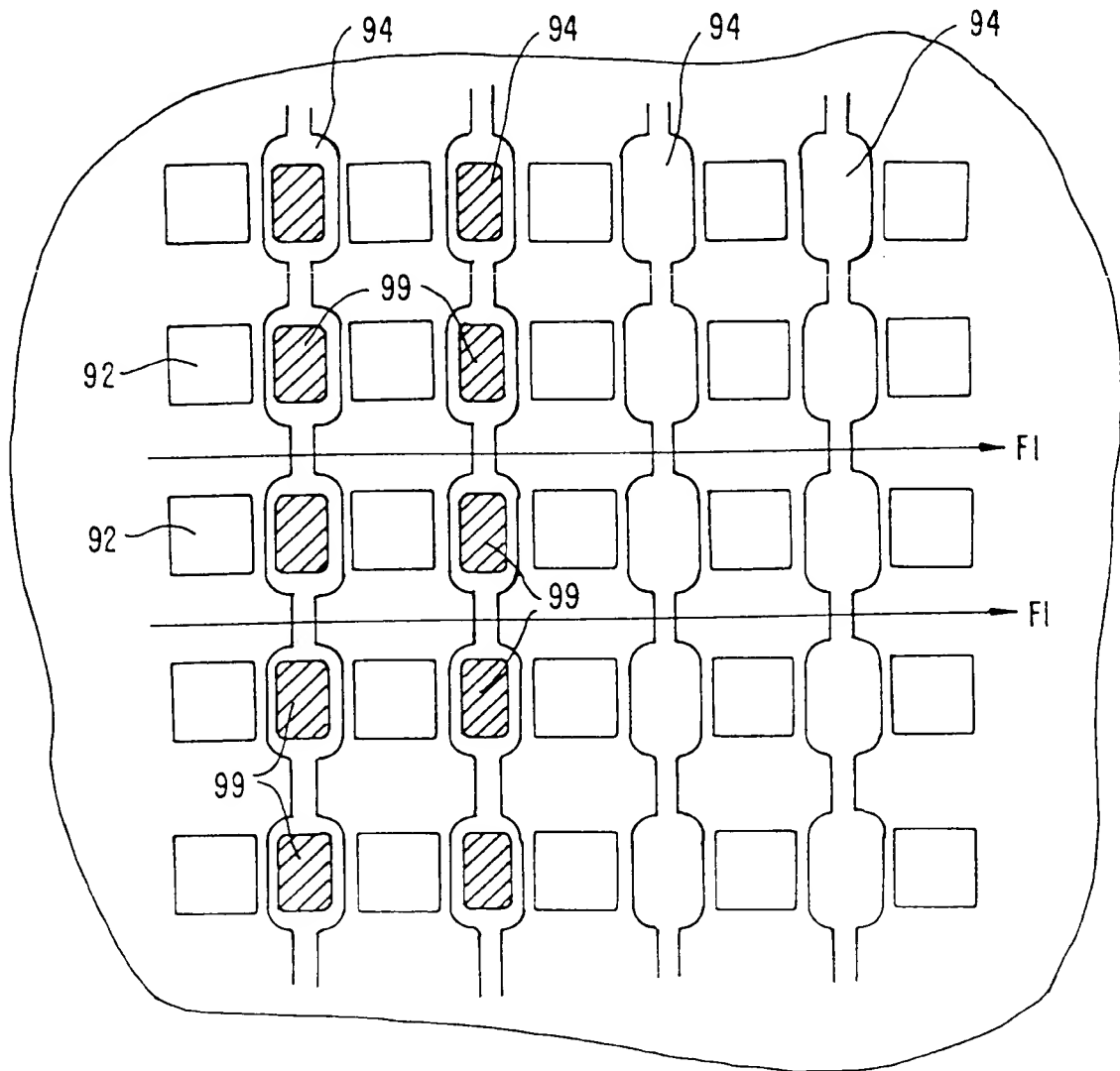


FIG. 31C.



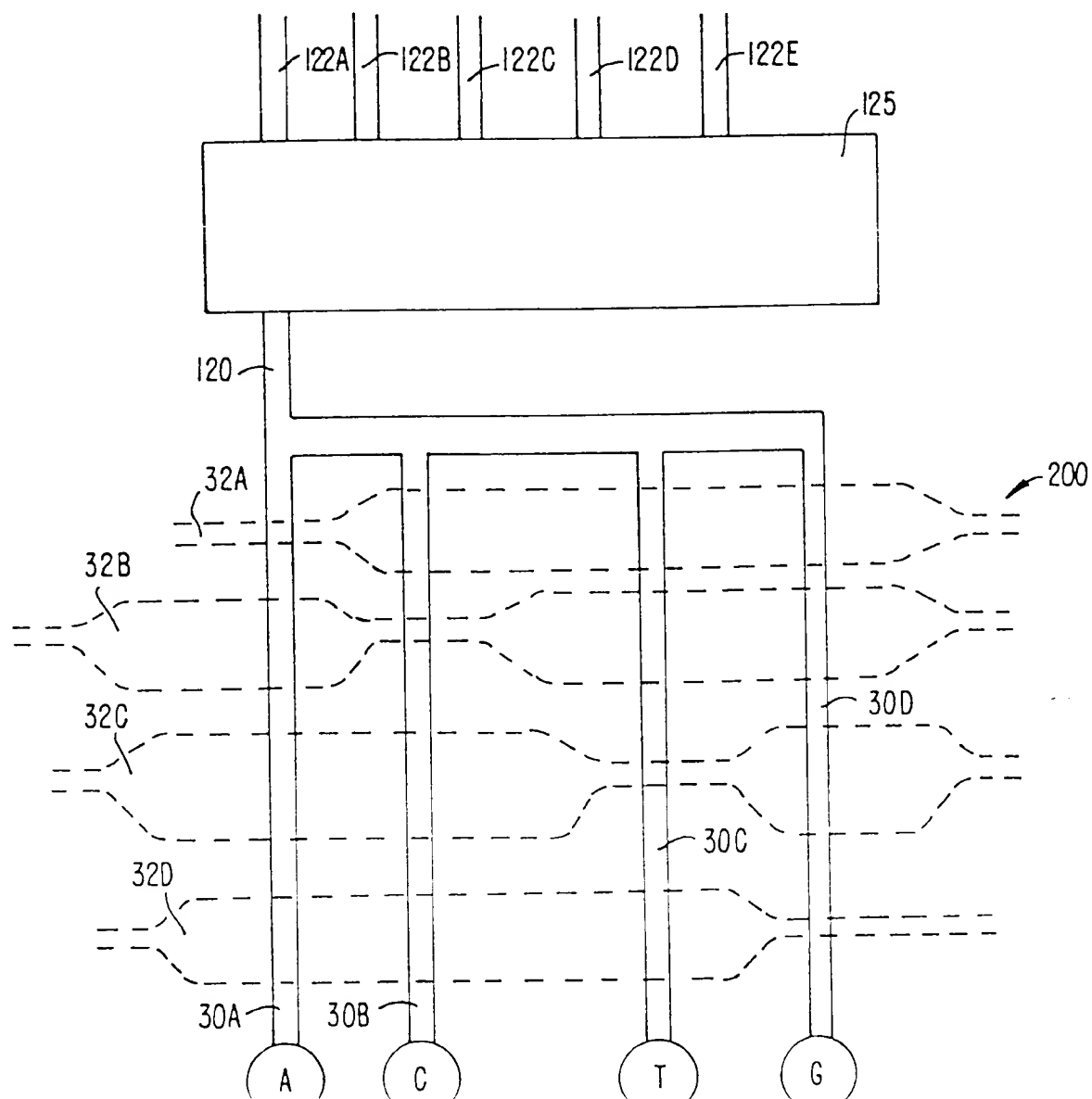


FIG. 32.

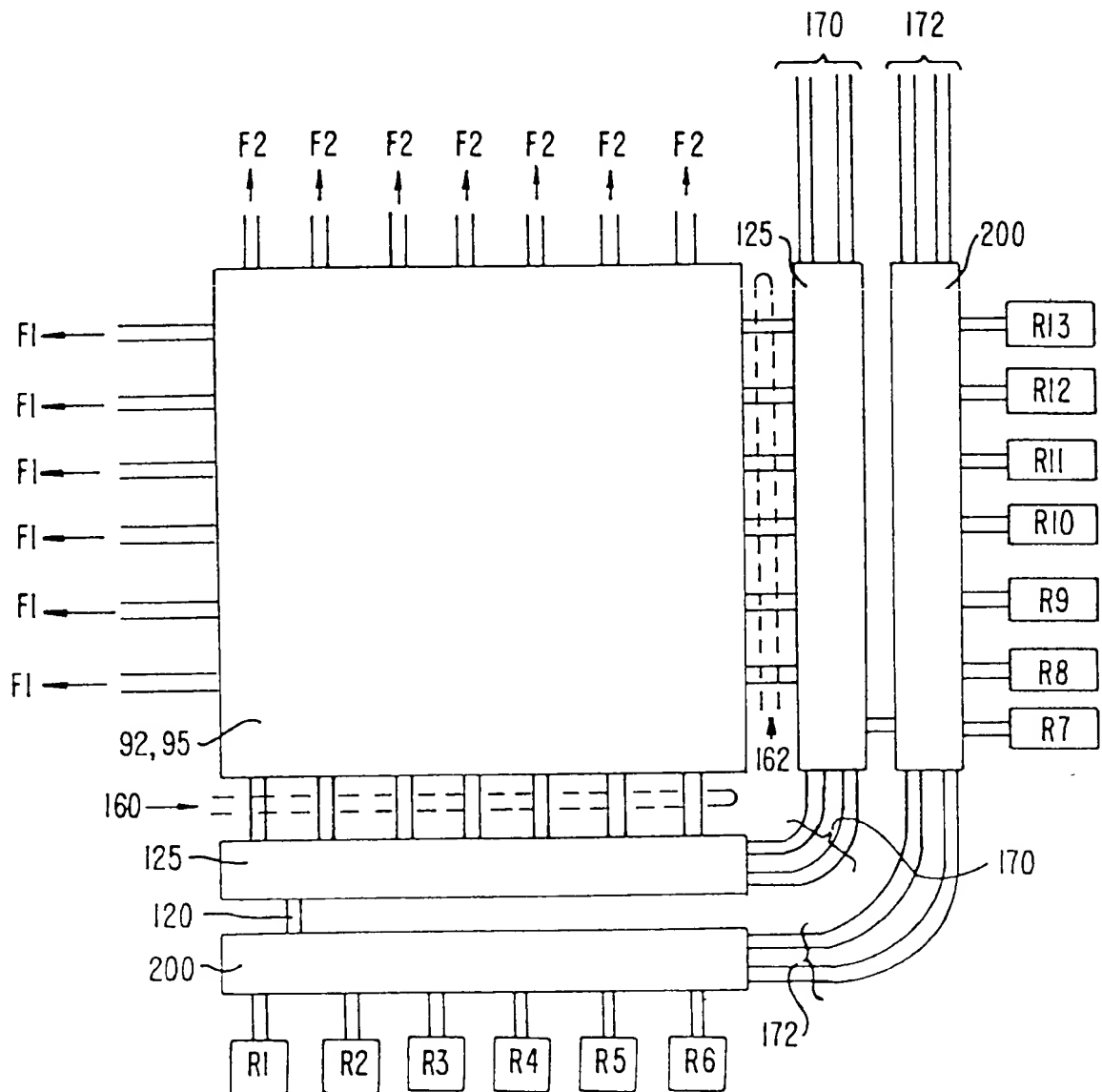


FIG. 33.

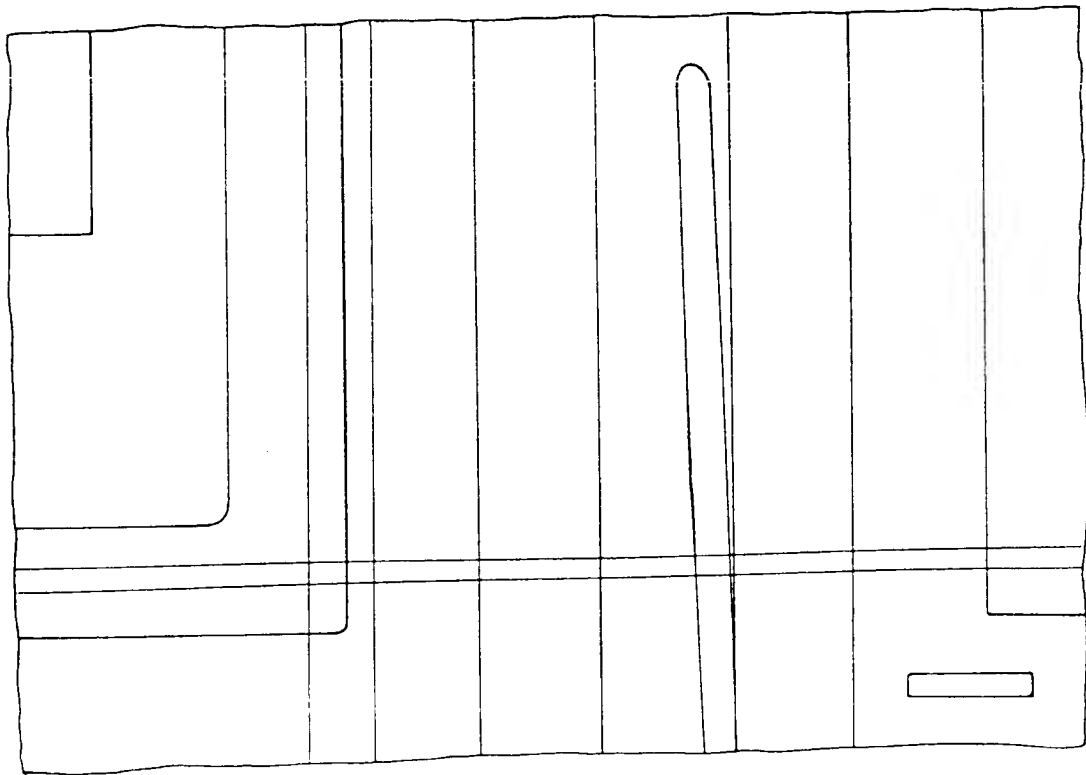


FIG. 34.

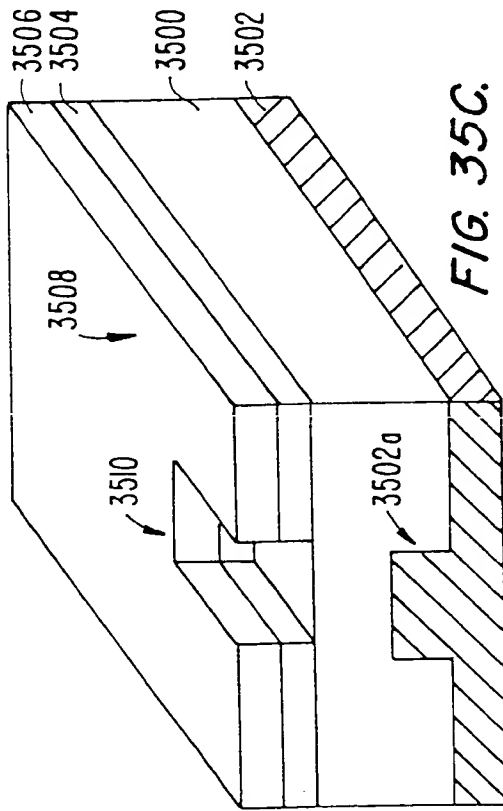


FIG. 35C.

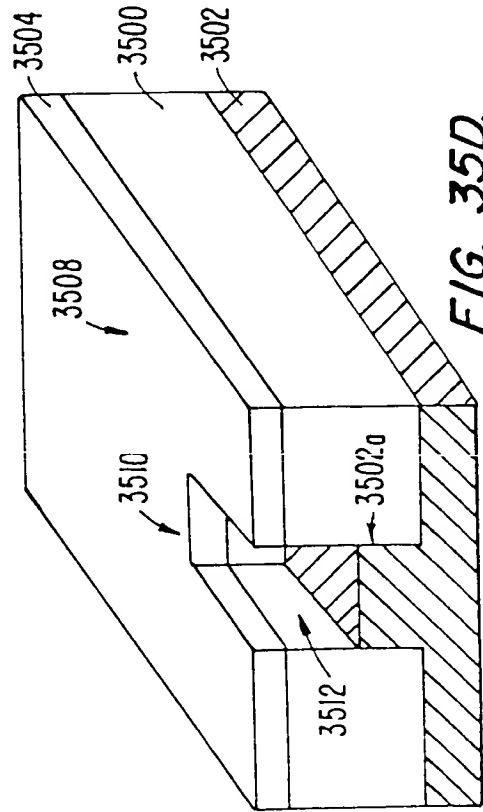


FIG. 35D.

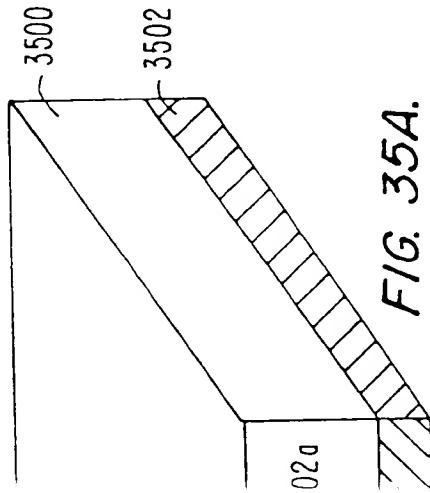


FIG. 35A.

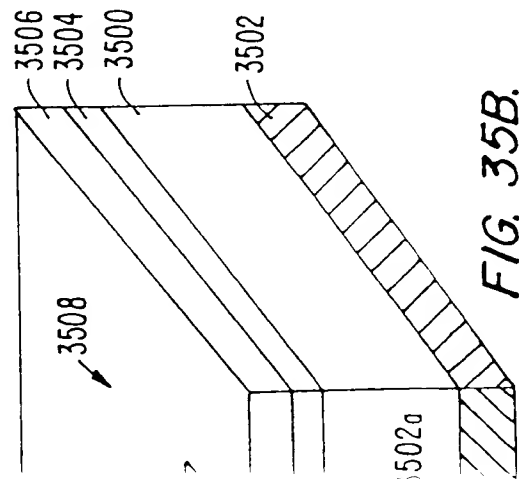


FIG. 35B.

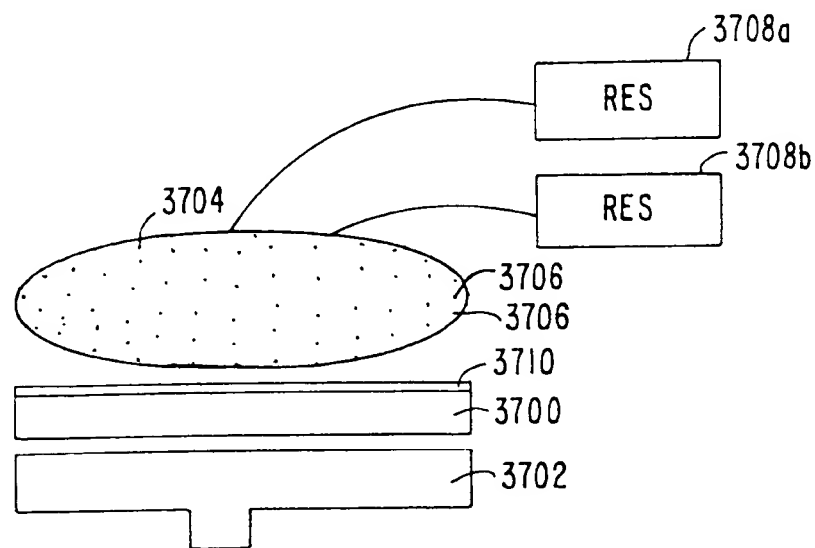


FIG. 37.

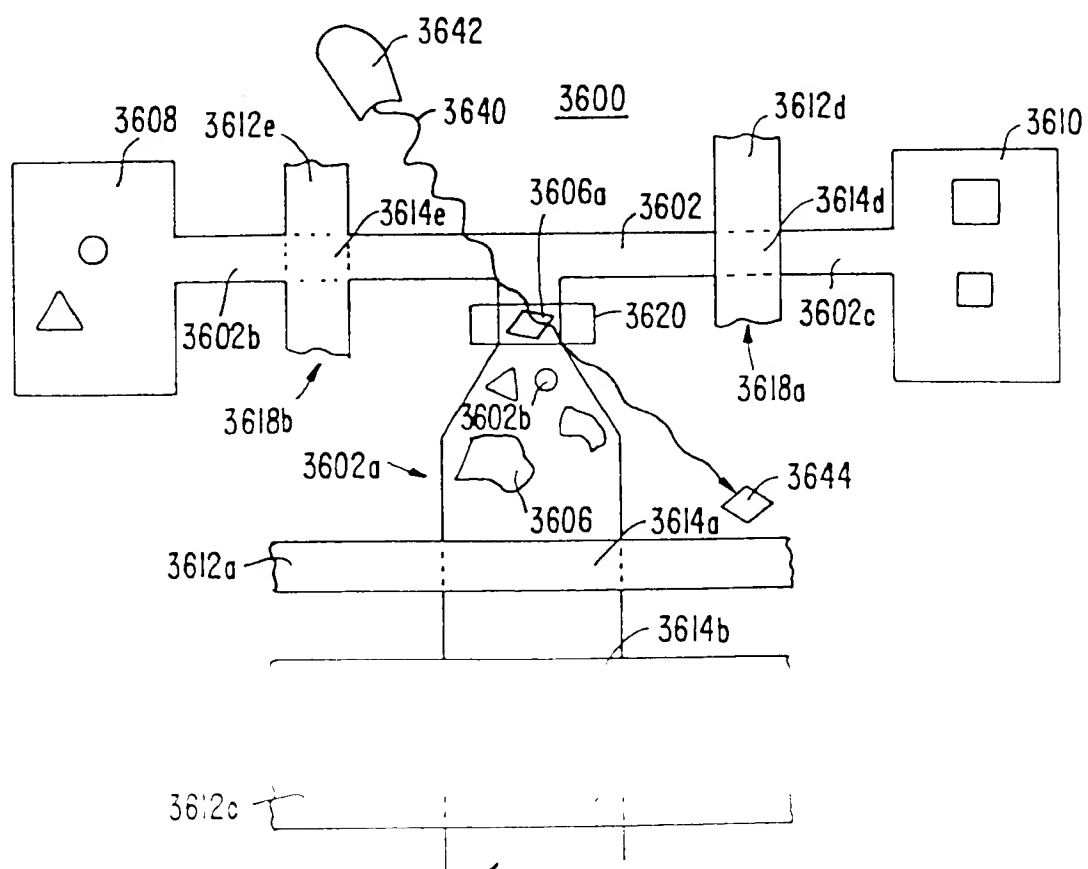


FIG. 36.

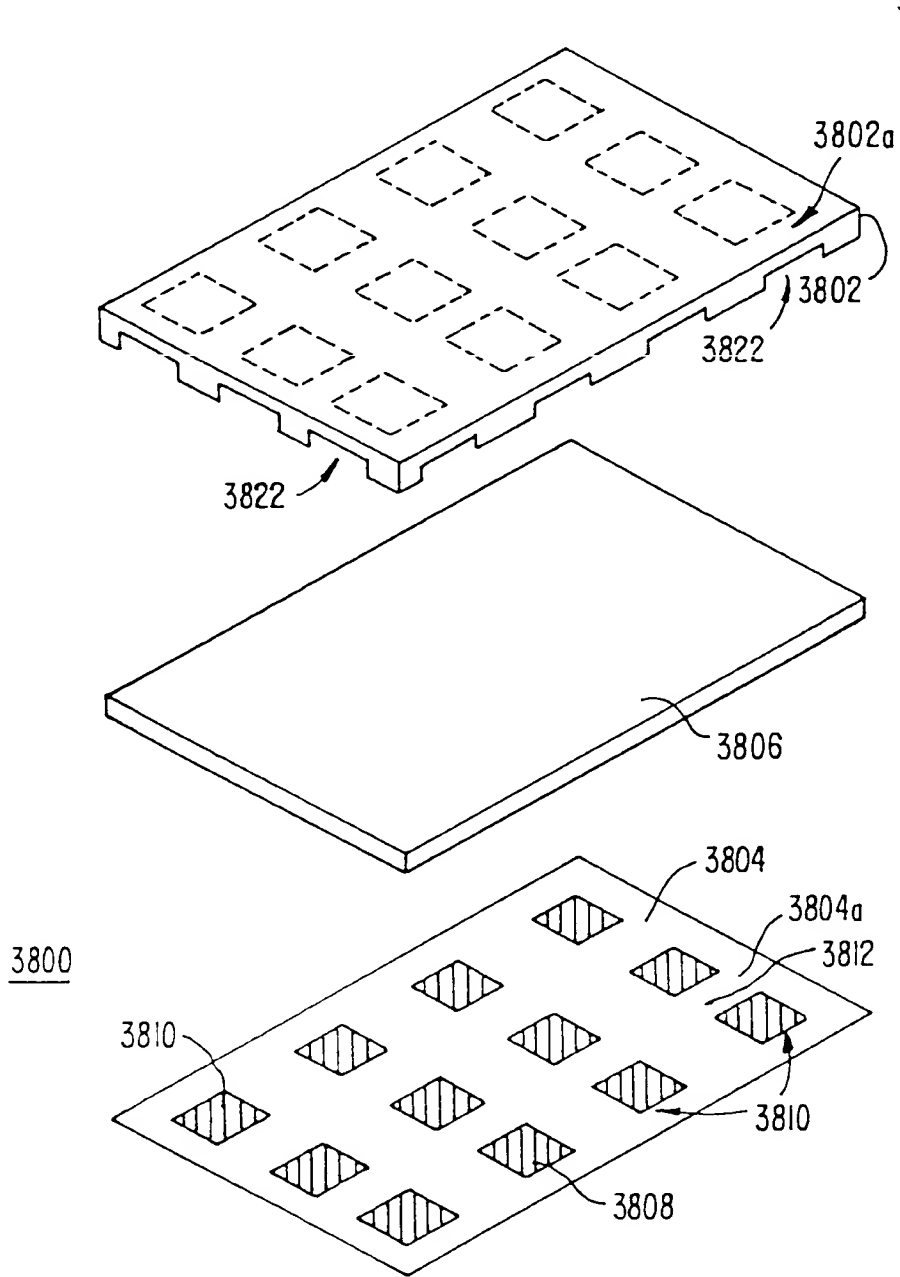


FIG. 38A.

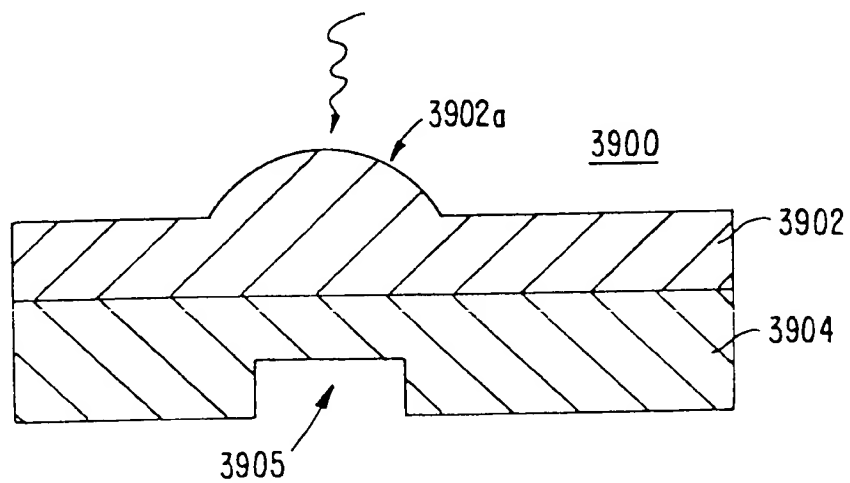
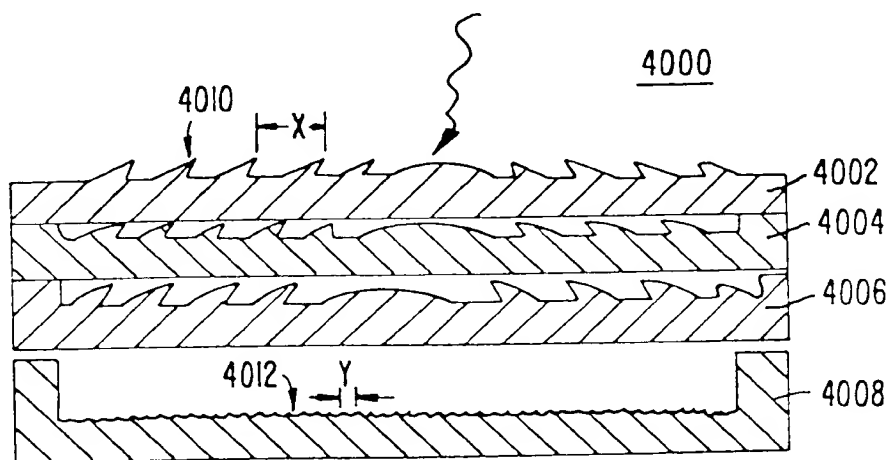
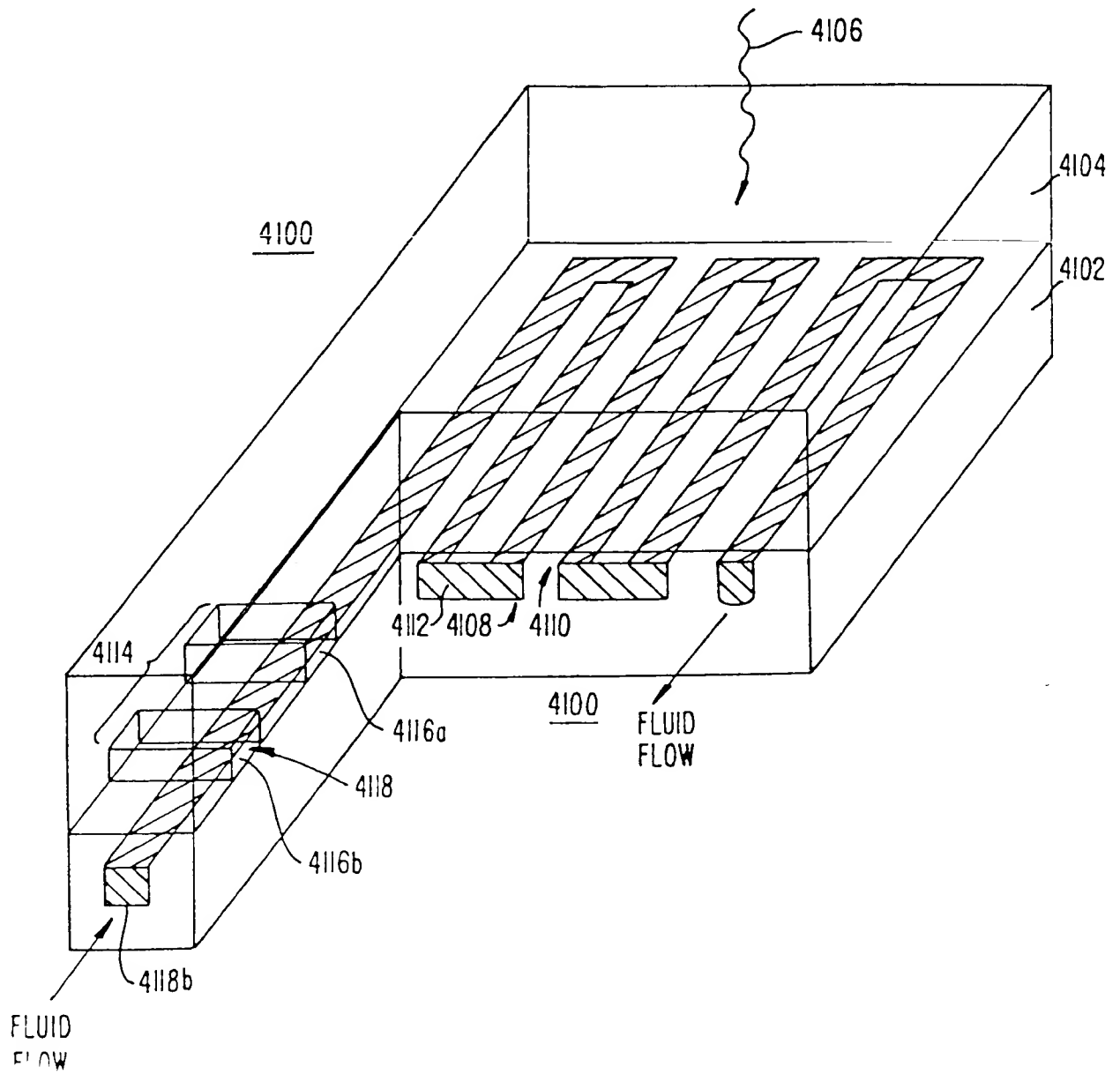


FIG. 39.





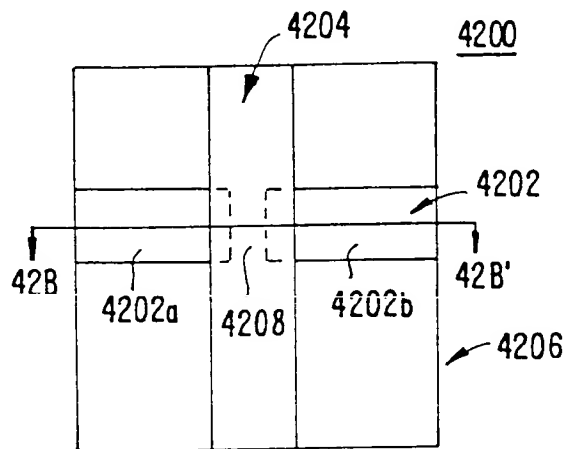


FIG. 42A.

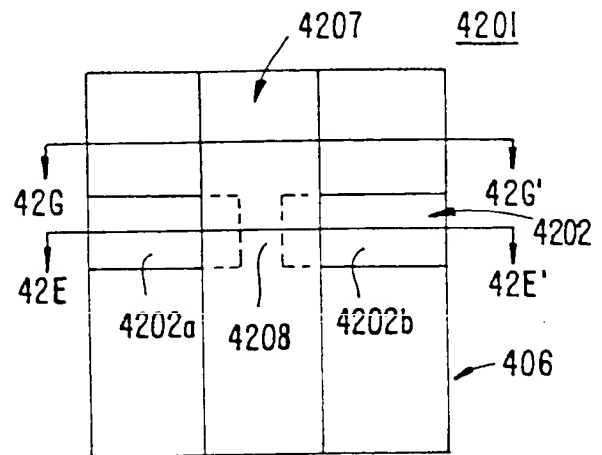


FIG. 42D.

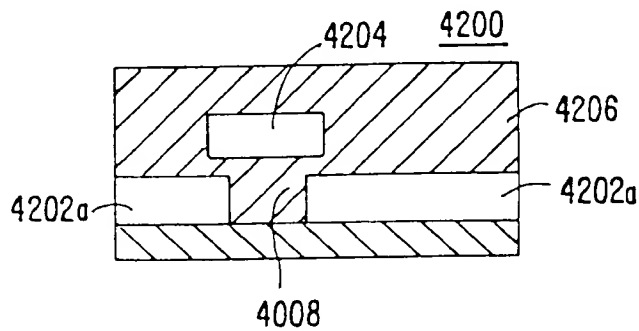


FIG. 42B.

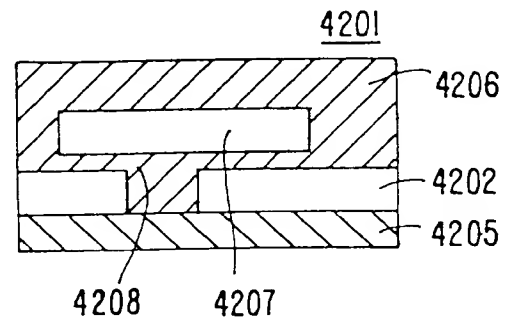


FIG. 42E.

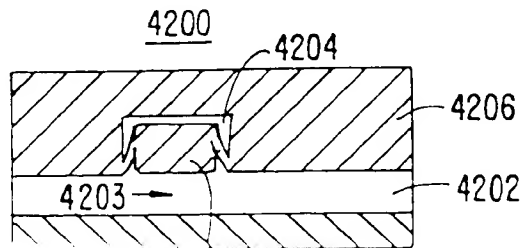


FIG. 42C.

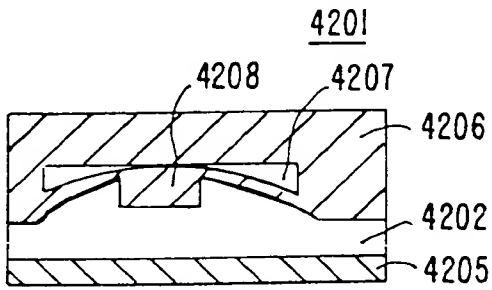


FIG. 42F.

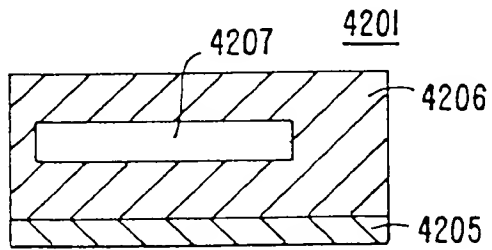


FIG. 42G.

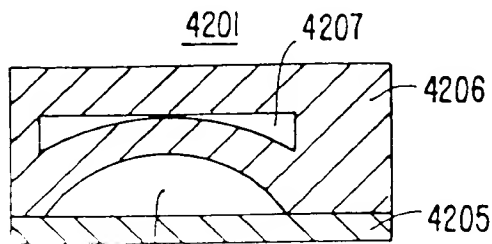


FIG. 42H.

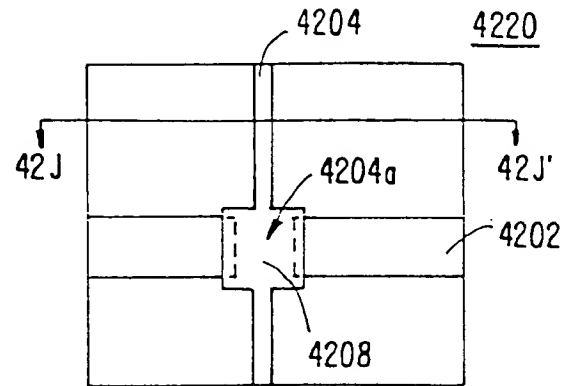


FIG. 42I.

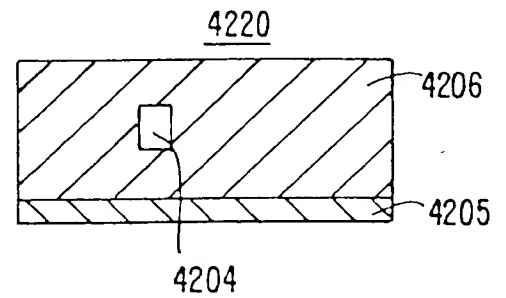
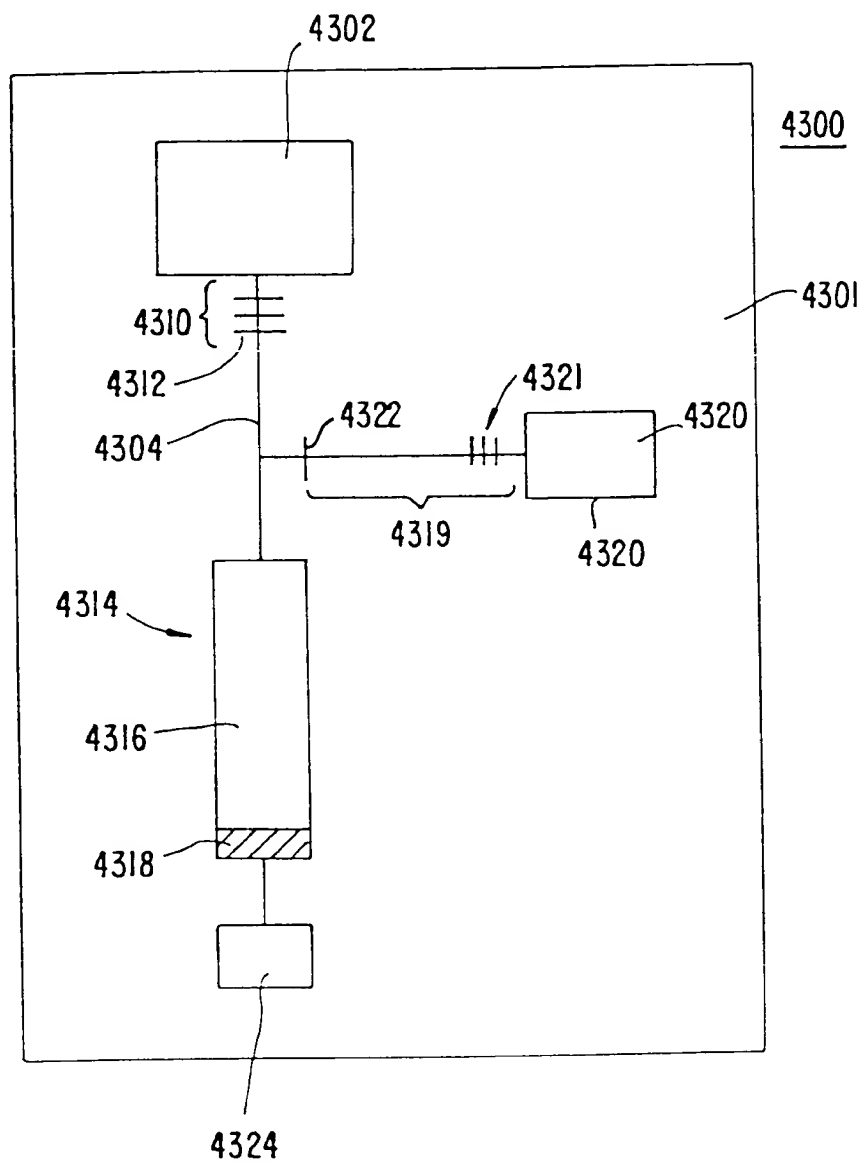
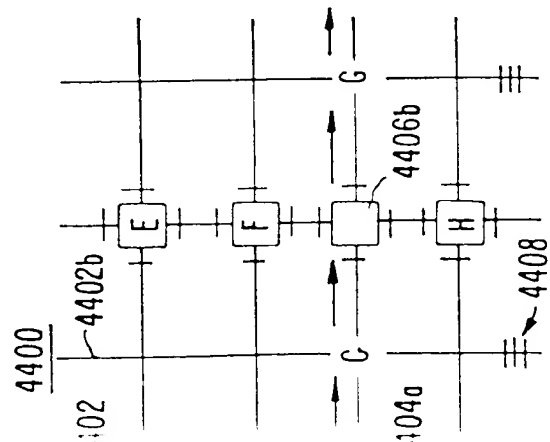
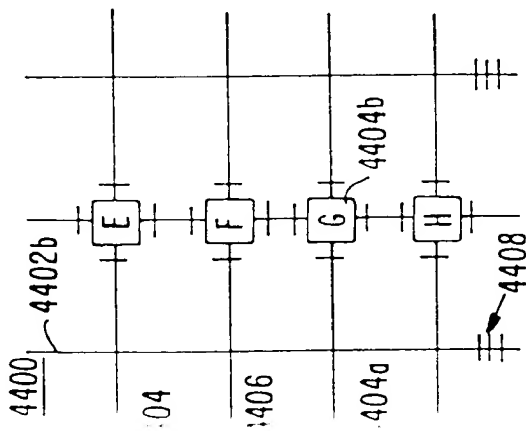
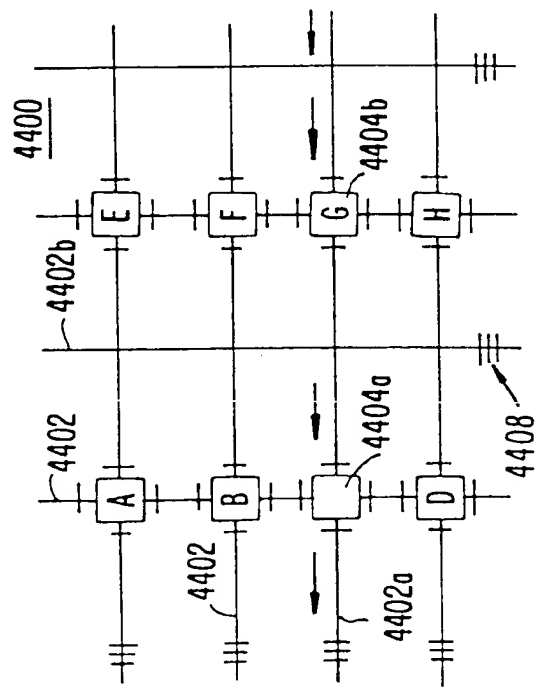
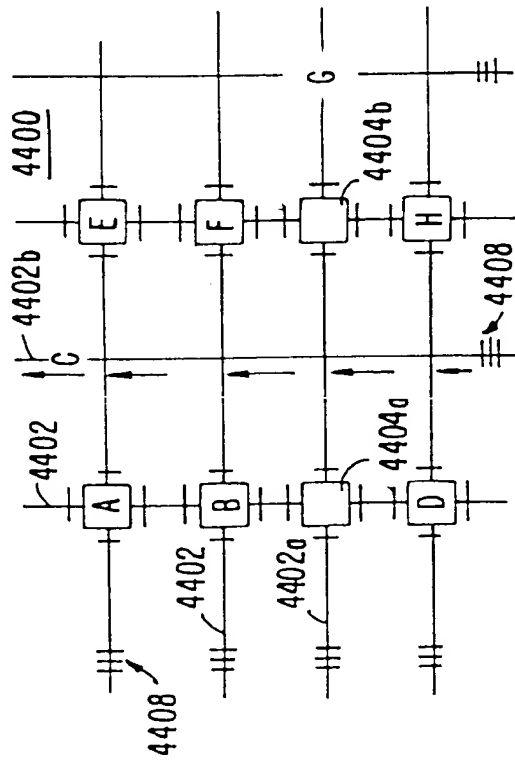


FIG. 42J.





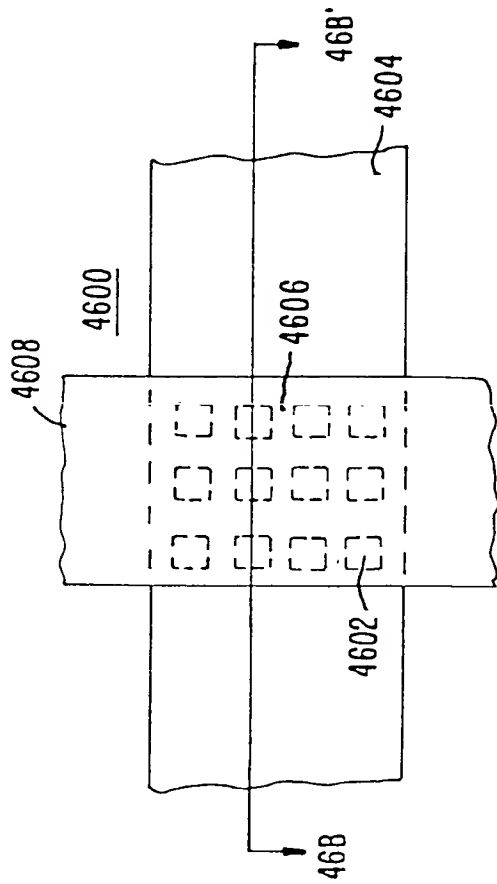


FIG. 46A.

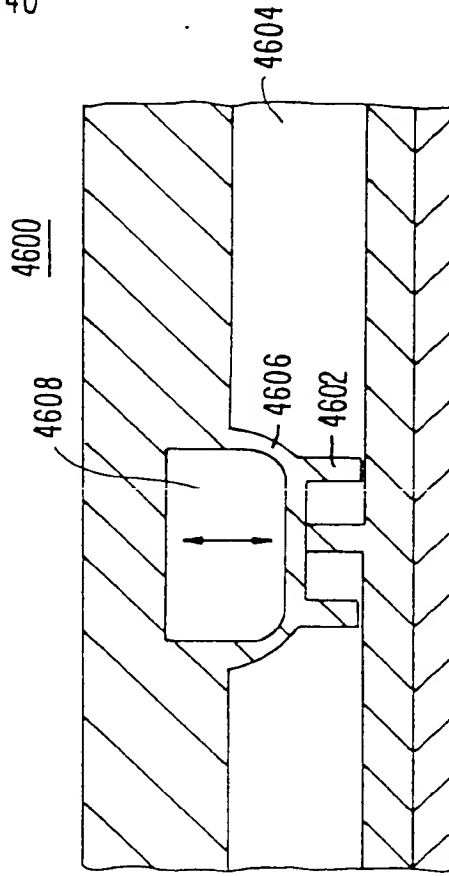


FIG. 46B.

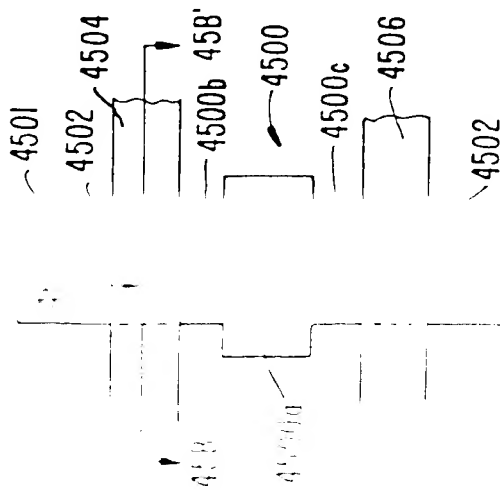


FIG. 45A.

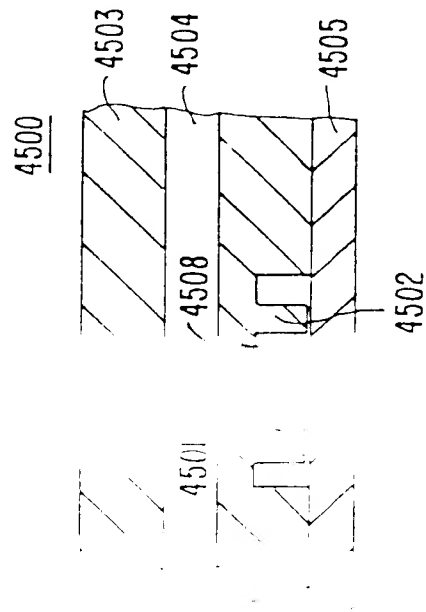


FIG. 45B.

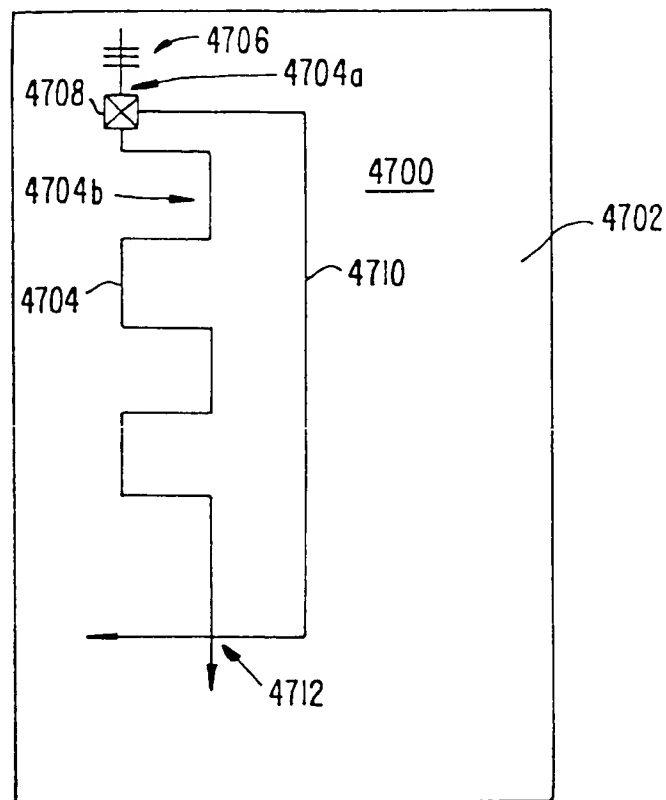


FIG. 47.

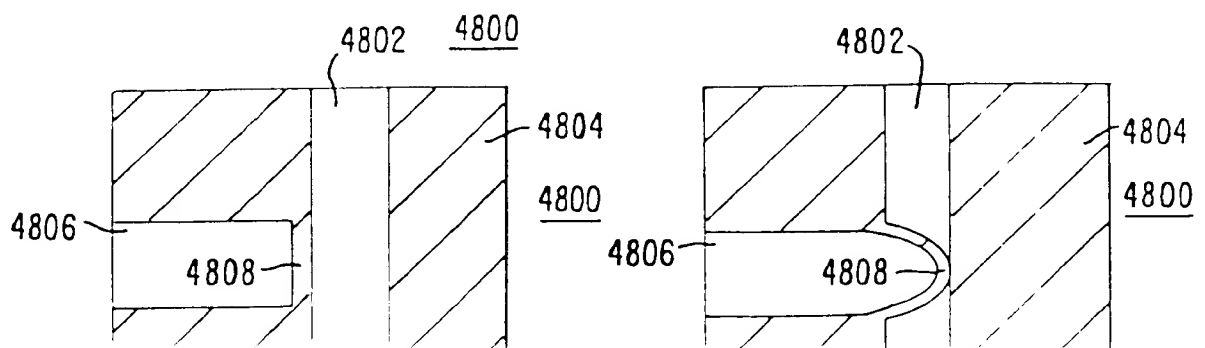
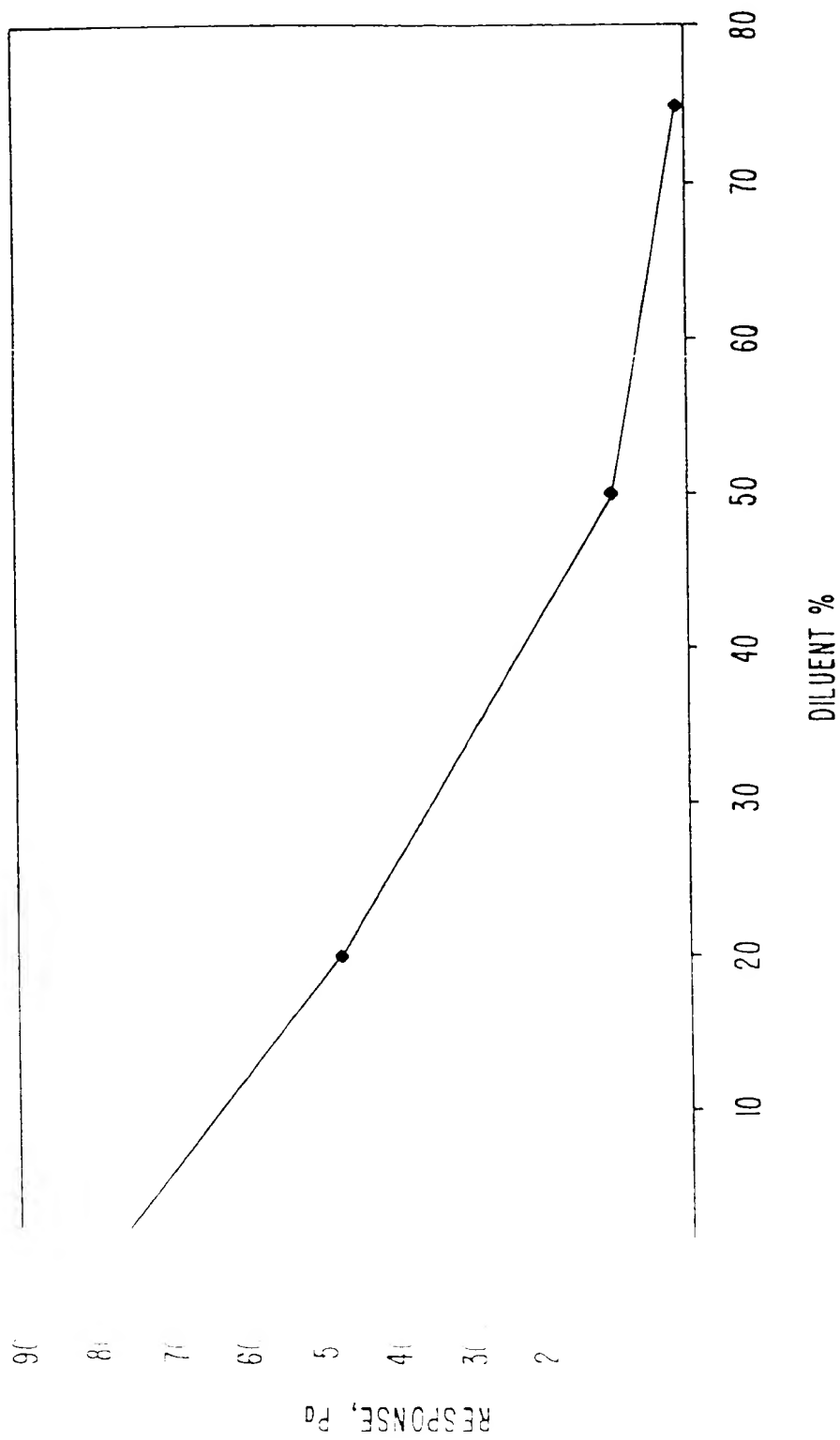


FIG. 48A.

FIG. 48B.

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— YOUNGS MODULUS (P_d)

FIG. 49.

FIG. 53

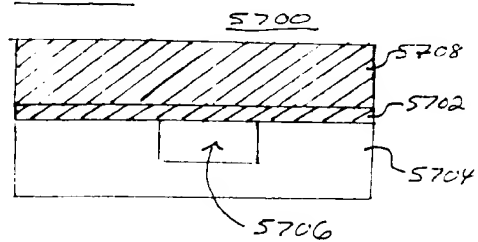


FIG. 54

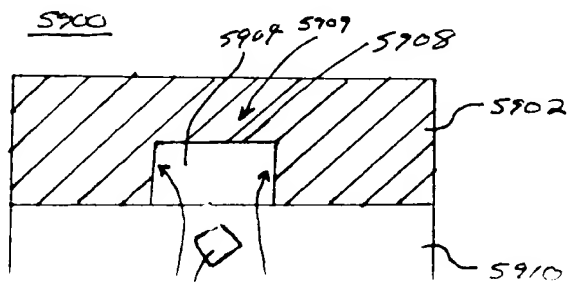
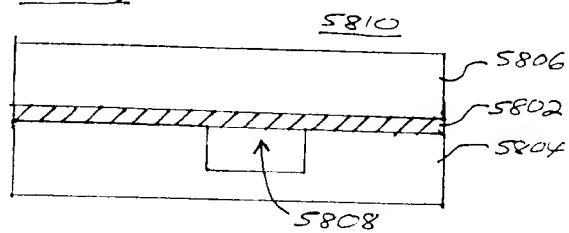


FIG. 55